

7. Annex I

Table 1 - Effect of having an oxygen, sulfide, sulfoxide, sulfone or nitrogen link between the aromatic ring in the main structure and the remaining molecule. * - value displayed is an average of 2 values. § - value displayed is an average of 11 values. **C.I.** - Confidence Interval. The Anacor compound name, chemical structure IL-23 and PDE4 data are shown.

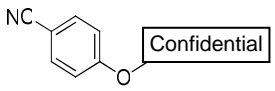
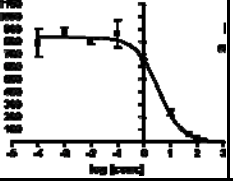
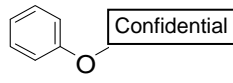
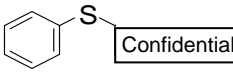
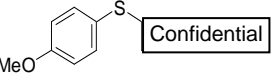
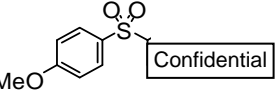
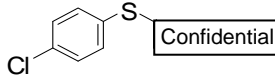
Compounds	Chemical Structure	IL-23 data				PDE4 Data
		% inhibition at 10µM	IC ₅₀ (µM)	95% C.I. R ²	Graph	%inhibition at 10µM IC ₅₀ (µM)
1		53§	3.60*	2.13 to 6.07 0.9934		0.49
2		0				
3		19*				
4		11				
5		0				
6		0				

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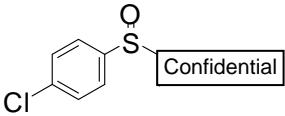
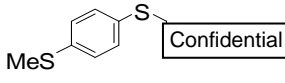
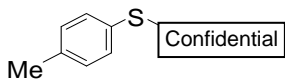
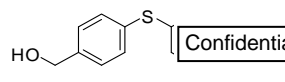
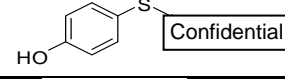
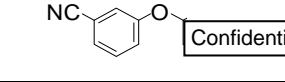
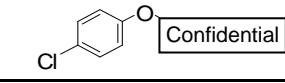
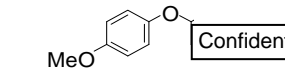
	Compounds	Chemical Structure	IL-23 data			PDE4 Data	
			% inhibition at 10µM	IC ₅₀ (µM)	95% C.I. R ²	Graph	%inhibition at 10µM IC ₅₀ (µM)
7	AN2920		0				
8	AN2931		43				
9	AN2936		32				
10	AN3082		7				
11	AN3108		0*				
12	AN2889		0				
13	AN2895		0				
14	AN2902		16				

Table 1 - Effect of having an oxygen, sulfide, sulfoxide, sulfone or nitrogen link between the aromatic ring in the main structure and the remaining molecule. * - value displayed is an average of 2 values. § - value displayed is an average of 11 values. **C.I.** - Confidence Interval. The Anacor compound name, chemical structure IL-23 and PDE4 data are shown.

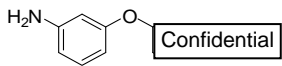
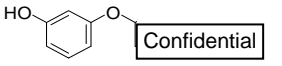
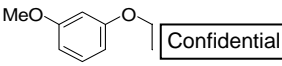
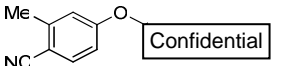
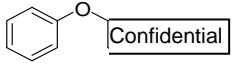
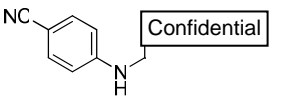
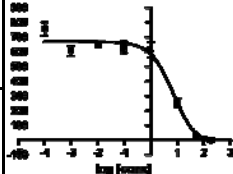
Compounds	Chemical Structure	IL-23 data				PDE4 Data
		% inhibition at 10µM	IC ₅₀ (µM)	95% C.I. R ²	Graph	%inhibition at 10µM IC ₅₀ (µM)
15		0				
16		0				
17		25				
18		0				
19		0				
20		66	7.35	3.20 to 16.90 0.9814		0.414

Table 2 - Effect of attaching a cyano-phenoxy in different positions of an aromatic ring. * - value displayed is an average of 2 values. § - value displayed is an average of 11 values. **CBC** - Can't Be Calculated; **C.I.** - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

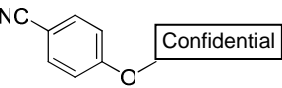
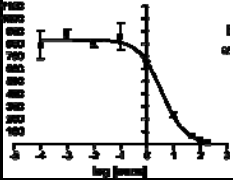
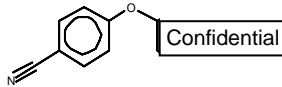
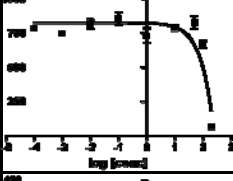
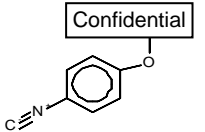
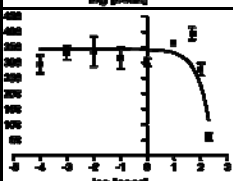
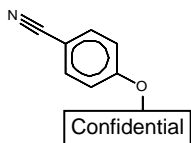
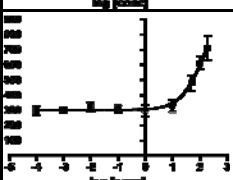
Compounds	Chemical Structure	IL-23 data			PDE4 Data	
		% inhibition at 10µM	IC ₅₀ (µM)	95% C.I. R ²	Graph	%inhibition at 10µM IC ₅₀ (µM)
AN2728		53§	3.60*	2.133 to 6.071 0.9934		0.49
AN2888		0	CBC			>30
AN2910		0	CBC			6
AN2987		0	CBC			>30

Table 3 - Effect of attaching different molecules in the "para" position of the phenoxy ring. ‡ - value displayed is an average of 4 results * - value displayed is an average of 2 values. **C.I.** - Confidence Interval, **CBC** - Can't Be Calculated. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

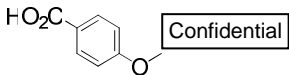
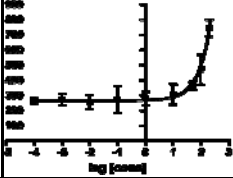
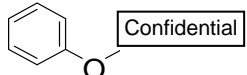
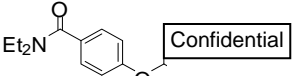
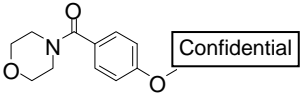
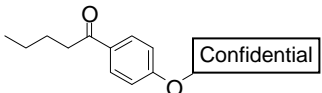
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			% inhibition at 10µM	IC ₅₀ (µM)	95% C.I. R ²	Graph	%inhibition at 10µM IC ₅₀ (µM)
1	AN2861		17‡	CBC			86 6.42
2	AN2887		0				50 6.81
3	AN2892		18*				80 1.46
4	AN2893		49*				84 0.57
5	AN2903		15*				94 0.1

Table 3 - Effect of attaching different molecules in the "para" position of the phenoxy ring. ‡ - value displayed is an average of 4 results * - value displayed is an average of 2 values. **C.I.** - Confidence Interval, **CBC** - Can't Be Calculated. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

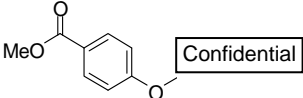
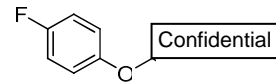
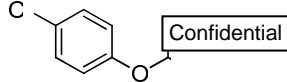
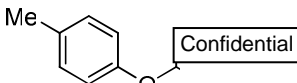
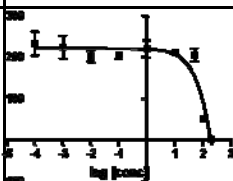
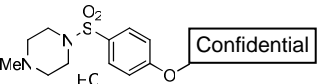
	Compounds	Chemical Structure	IL-23 data			PDE4 Data	
			% inhibition at 10µM	IC ₅₀ (µM)	95% C.I. R ²	Graph	%inhibition at 10µM IC ₅₀ (µM)
6	AN3165		0				106 0.29
7	AN3649		6				7.66
8	AN3650		29				1.26
9	AN3651		20	CBC			1.26
10	AN3652		9				>30

Table 3 - Effect of attaching different molecules in the "para" position of the phenoxy ring. ‡ - value displayed is an average of 4 results * - value displayed is an average of 2 values. **C.I.** - Confidence Interval, **CBC** - Can't Be Calculated. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

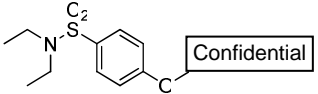
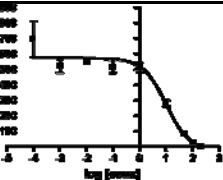
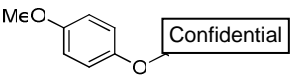
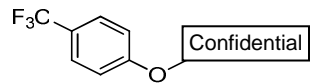
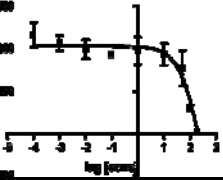
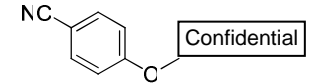
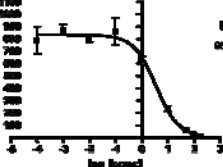
Compounds	Chemical Structure	IL-23 data				PDE4 Data
		% inhibition at 10µM	IC ₅₀ (µM)	95% C.I. R ²	Graph	%inhibition at 10µM IC ₅₀ (µM)
11		49	10.39	3.23 to 33.44 0.9621		3.43
12		5				2.68
13		30	320.7	35.51 to 2896 0.9549		0.45
14		53‡	3.60*	2.133 to 6.071 0.9934		0.49

Table 4 - Effect of attaching a cyano group in different positions of an aromatic ring. * - value displayed is an average of 2 values. § - value displayed is an average of 11 values. † - value displayed is an average of 3 values. C.I. - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

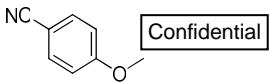
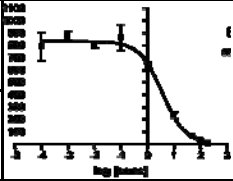
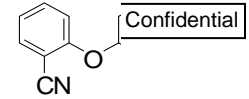
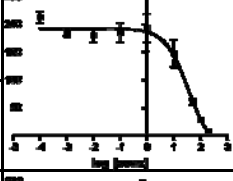
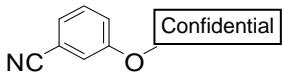
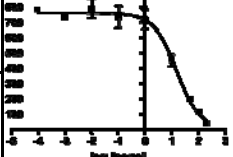
Compounds	Chemical Structure	IL-23 data			PDE4 Data	
		% inhibition at 10µM	IC ₅₀ (µM)	95% C.I. R ²	Graph	%inhibition at 10µM IC ₅₀ (µM)
AN2728		53§	3.60*	2.133 to 6.071 0.9934		0.49
AN2876		28	35.22	16.57 to 74.87 0.9849		3.72
AN2906		10†	15.71	10.67 to 23.13 0.9957		4.4

Table 5 - Effect of attaching another group in the "meta" position of the ring. * - value displayed is an average of 2 values. † - value displayed is an average of 5 results. C.I. - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

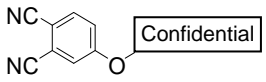
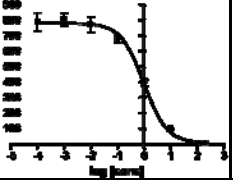
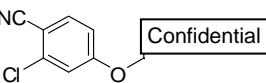
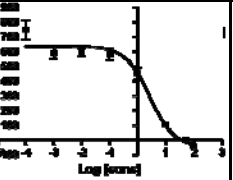
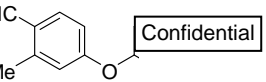
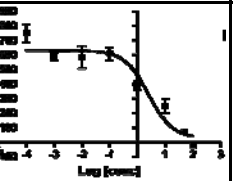
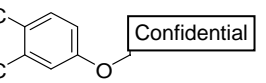
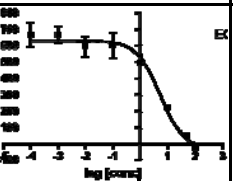
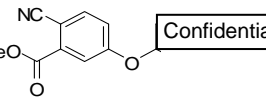
Compounds	Chemical Structure	IL-23 data				PDE4 Data
		% inhibition at 10µM	IC ₅₀ (µM)	95% C.I. R ²	Graph	%inhibition at 10µM IC ₅₀ (µM)
1 AN2898		82†	1.01*	0.6 to 1.3		0.06
				>0.990		
2 AN3141		79*	2.71	0.88 to 8.29		0.15
				0.97		
3 AN3142		64*	2.58	0.41 to 16.30		0.14
				0.93		
4 AN3155		62*	5.46	2.54 to 11.73		96
				0.988		0.09
5 AN3163		24				0.1

Table 5 - Effect of attaching another group in the "meta" position of the ring. * - value displayed is an average of 2 values. † - value displayed is an average of 5 results. C.I. - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

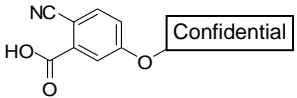
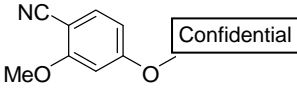
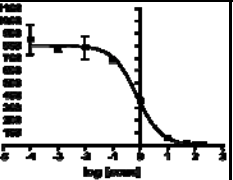
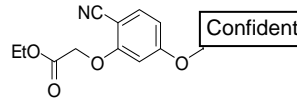
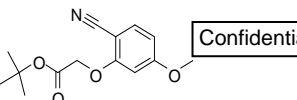
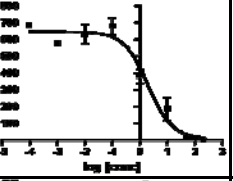
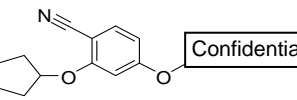
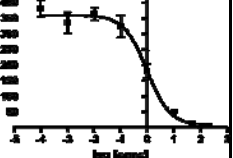
Compounds	Chemical Structure	IL-23 data				PDE4 Data
		% inhibition at 10µM	IC ₅₀ (µM)	95% C.I. R ²	Graph	%inhibition at 10µM IC ₅₀ (µM)
6		16				79
7		83*	0.77	0.55 to 1.06		0.03
				0.9969		
8		9				0.05
9		77*	1.99	0.74 to 5.35		0.03
				0.9748		
10		83*	1.01	0.66 to 1.56		0.01
				0.9944		

Table 5 - Effect of attaching another group in the "meta" position of the ring. * - value displayed is an average of 2 values. † - value displayed is an average of 5 results. **C.I.** - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

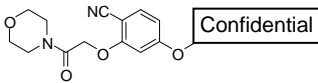
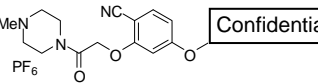
Compounds	Chemical Structure	IL-23 data				PDE4 Data
		% inhibition at 10µM	IC ₅₀ (µM)	95% C.I. R ²	Graph	%inhibition at 10µM IC ₅₀ (µM)
11		57				0.43
12		37				0.84

Table 6 - Compounds whose substituent groups in the "ortho" position are carbon-linked * - value displayed is an average of 2 values.C.I. - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

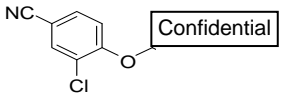
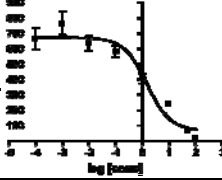
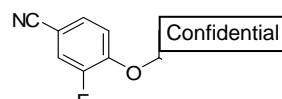
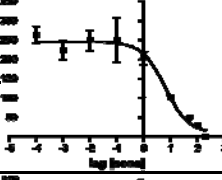
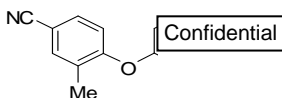
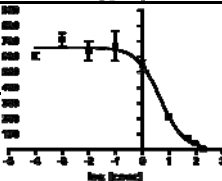
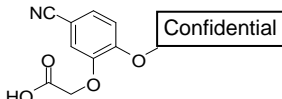
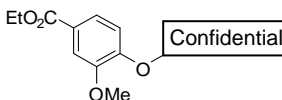
Compounds	Chemical Structure	IL-23 data			PDE4 Data	
		% inhibition at 10 μ M	IC ₅₀ (μ M)	95% C.I. R ²	Graph	%inhibition at 10 μ M IC ₅₀ (μ M)
1 AN3153		63*	1.52	0.37 to 6.30		97 0.082
				0.95		
2 AN3188		38	6.39	2.90 to 14.09		0.67
				0.9837		
3 AN3202		66*	4.77	2.51 to 9.03		0.17
				0.9899		
4 AN3228		0				0.5
5 AN3237		0				0.09

Table 6 - Compounds whose substituent groups in the "ortho" position are carbon-linked * - value displayed is an average of 2 values.C.I. - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

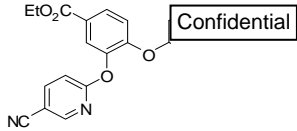
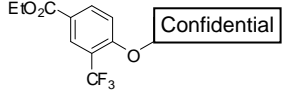
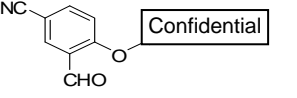
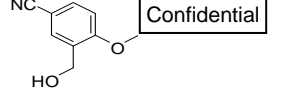
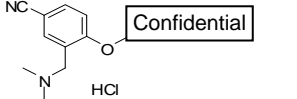
Compounds	Chemical Structure	IL-23 data			PDE4 Data	
		% inhibition at 10 μ M	IC ₅₀ (μ M)	95% C.I. R ²	Graph	%inhibition at 10 μ M IC ₅₀ (μ M)
6		7				0.08
7		47				0.03
8		89				0.12
9		39				0.32
10		25				1.08

Table 6 - Compounds whose substituent groups in the "ortho" position are carbon-linked * - value displayed is an average of 2 values.C.I. - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

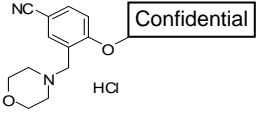
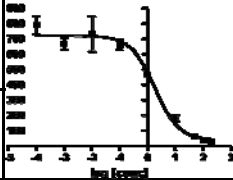
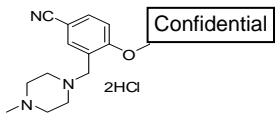
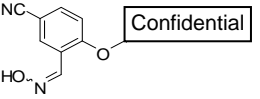
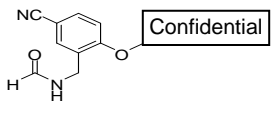
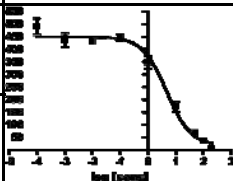
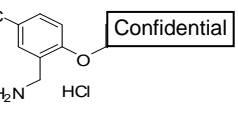
Compounds	Chemical Structure	IL-23 data			PDE4 Data	
		% inhibition at 10 μ M	IC ₅₀ (μ M)	95% C.I. R ²	Graph	%inhibition at 10 μ M IC ₅₀ (μ M)
11		80*	1.86	0.95 to 3.66 0.9878		0.36
12		37				0.53
13		63				0.14
14		52	4.81	2.42 to 9.60 0.9883		0.2
15		14				2.2

Table 7 - Compounds whose substituent groups in the "ortho" position are oxygen-linked * - value displayed is an average of 2 values. C.I. - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

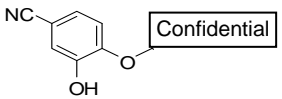
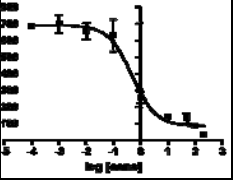
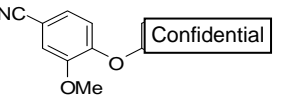
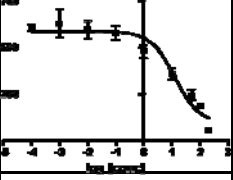
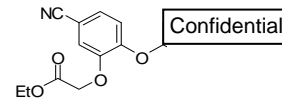
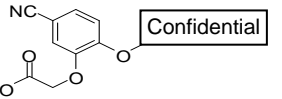
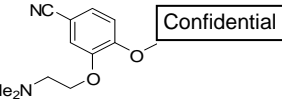
Compounds	Chemical Structure	IL-23 data			PDE4 Data	
		% inhibition at 10 μ M	IC ₅₀ (μ M)	95% C.I. R ²	Graph	%inhibition at 10 μ M IC ₅₀ (μ M)
1 AN3219		76*	0.49	0.25 to 0.98		0.34
				0.9872		
2 AN3220		42*	13.07	3.78 to 45.24		0.22
				0.957		
3 AN3221		29				0.06
4 AN3228		0				0.05
5 AN3239		17				1.08

Table 7 - Compounds whose substituent groups in the "ortho" position are oxygen-linked * - value displayed is an average of 2 values. C.I. - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

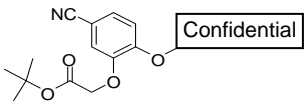
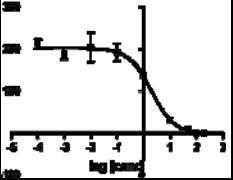
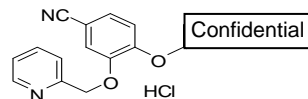
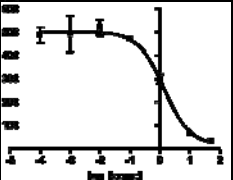
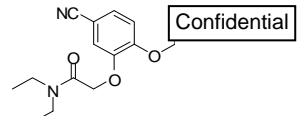
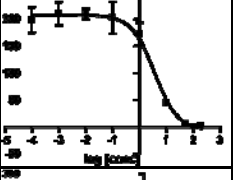
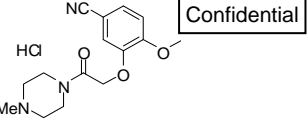
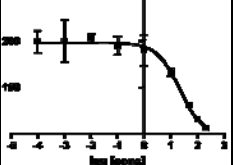
Compounds	Chemical Structure	IL-23 data			PDE4 Data	
		% inhibition at 10 μ M	IC ₅₀ (μ M)	95% C.I. R ²	Graph	%inhibition at 10 μ M IC ₅₀ (μ M)
6		47	2.04	1.38 to 3.03 0.996		0.05
7		88	1.38	0.92 to 2.08 0.9968		0.05
8		82*	3.81	2.63 to 5.50 0.9967		0.14
9		44*	22.94	14.91 to 33.92 0.9953		0.21

Table 8 - Comparison between AN2728 and AN2957 (the pyridine analog of AN2728). § - value displayed is an average of 11 values. * - value displayed is an average of 2 values. § - value displayed is an average of 11 values. C.I. - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

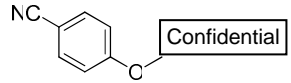
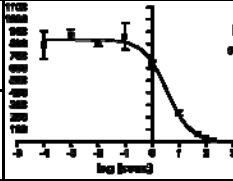
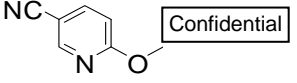
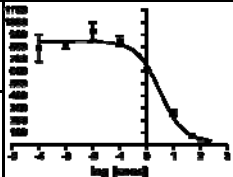
Compounds	Chemical Structure	IL-23 data			PDE4 Data	
		% inhibition at 10µM	IC ₅₀ (µM)	95% C.I. R ²	Graph	%inhibition at 10µM IC ₅₀ (µM)
AN2728		53§	3.60*	2.133 to 6.071		0.49
				0.9934		
AN2957		64*	3.24	1.58 to 6.63		0.18
				0.9876		

Table 9 - Compounds with and without the pyridine ring in their structure. Compounds are grouped being the first one the structure containing the phenyl ring and the second one the structure containing the pyridine ring. ‡ - value displayed is an average of 4 values. † - value displayed is an average of 3 values. * - value displayed is an average of 2 values. C.I. - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

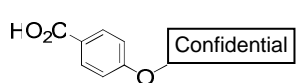
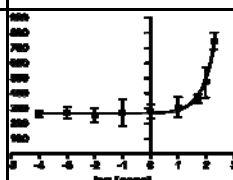
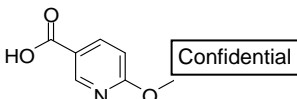
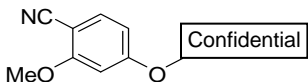
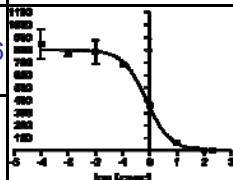
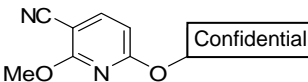
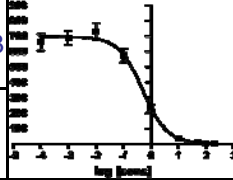
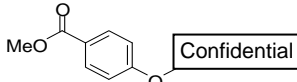
Compounds	Chemical Structure	IL-23 data				PDE4 Data
		% inhibition at 10µM	IC ₅₀ (µM)	95% C.I. R ²	Graph	%inhibition at 10µM IC ₅₀ (µM)
1		17‡	CBC			86 6.42
2		28				5
3		83*	0.77	0.55 to 1.06 0.9969		0.03
4		95†	0.40*	0.24 to 0.73 >0.9910		0.02
5		0				0.29

Table 9 - Compounds with and without the pyridine ring in their structure. Compounds are grouped being the first one the structure containing the phenyl ring and the second one the structure containing the pyridine ring. ‡ - value displayed is an average of 4 values. † - value displayed is an average of 3 values. * - value displayed is an average of 2 values. C.I. - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

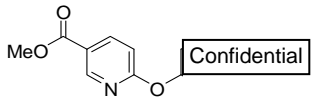
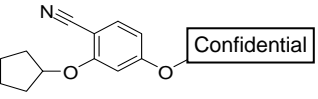
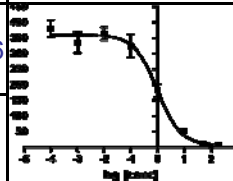
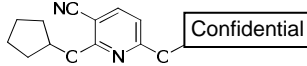
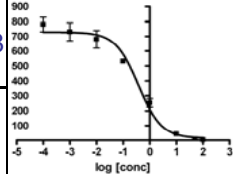
Compounds	Chemical Structure	IL-23 data				PDE4 Data
		% inhibition at 10µM	IC ₅₀ (µM)	95% C.I. R ²	Graph	%inhibition at 10µM IC ₅₀ (µM)
6		32				98 0.08
7		83*	1.01	0.66 to 1.56		0.01
				0.9944		
8		95	0.39	0.22 to 0.68		0.01
				0.9914		

Table 10 - Compounds with and without the pyridine ring in their structure and cyano in the "para" position. Derivatives of AN3317 and itself are displayed. † - value displayed is an average of 3 values. * - value displayed is an average of 2 values. C.I. - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

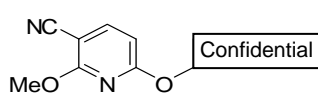
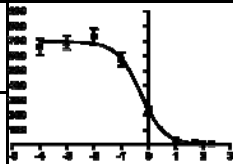
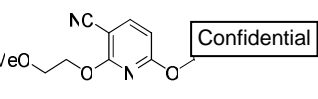
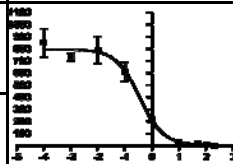
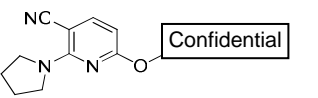
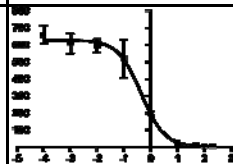
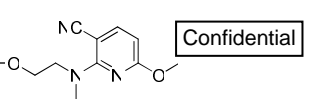
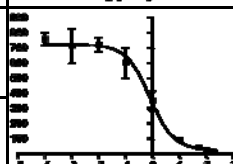
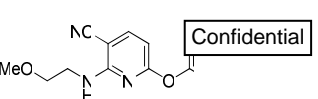
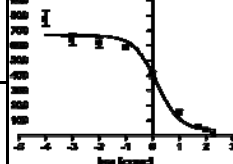
Compounds	Chemical Structure	IL-23 data				PDE4 Data
		% inhibition at 10µM	IC ₅₀ (µM)	95% C.I. R ²	Graph	%inhibition at 10µM IC ₅₀ (µM)
1		95†	0.40*	0.24 to 0.73 >0.9910		0.02
2		96	0.35	0.22 to 0.57 0.9941		0.03
3		96	0.45	0.33 to 0.61 0.9975		0.01
4		87	0.80	0.53 to 1.20 0.9954		0.04
5		81	1.48	0.55 to 3.94 0.9732		0.19

Table 10 - Compounds with and without the pyridine ring in their structure and cyano in the "para" position. Derivatives of AN3317 and itself are displayed. † - value displayed is an average of 3 values. * - value displayed is an average of 2 values. C.I. - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

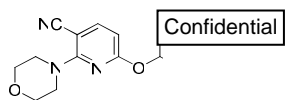
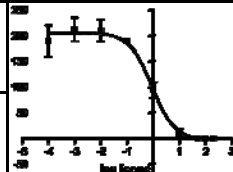
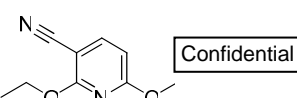
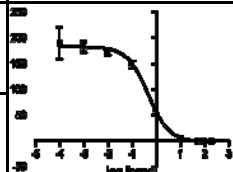
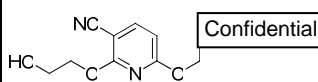
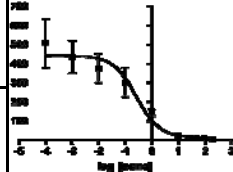
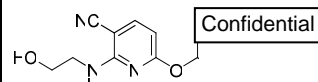
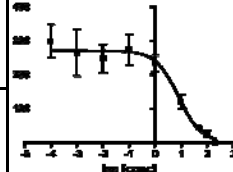
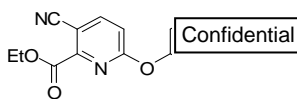
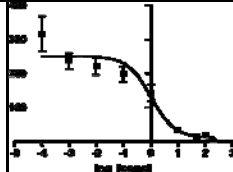
Compounds	Chemical Structure	IL-23 data				PDE4 Data
		% inhibition at 10µM	IC ₅₀ (µM)	95% C.I. R ²	Graph	%inhibition at 10µM IC ₅₀ (µM)
6 AN3851		93	0.91	0.60 to 1.36		59 0.07
				0.9951		
7 AN3889		98	0.47	0.36 to 0.61		
				0.9981		
8 AN3826		95	0.27	0.10 to 0.73		0.02
				0.9734		
9 AN3874		60	7.95	3.86 to 16.39		62 0.55
				0.9857		
10 AN3251		65*	1.05	0.24 to 4.50		0.04
				0.9405		

Table 10 - Compounds with and without the pyridine ring in their structure and cyano in the "para" position. Derivatives of AN3317 and itself are displayed. † - value displayed is an average of 3 values. * - value displayed is an average of 2 values. C.I. - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

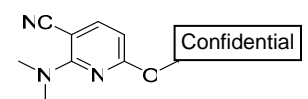
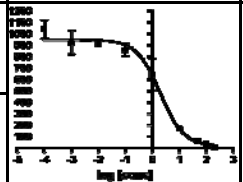
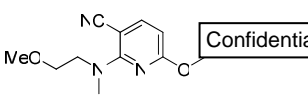
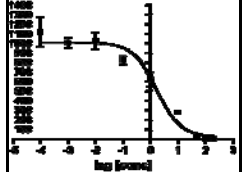
Compounds	Chemical Structure	IL-23 data				PDE4 Data
		% inhibition at 10µM	IC ₅₀ (µM)	95% C.I. R ²	Graph	%inhibition at 10µM IC ₅₀ (µM)
11		81†	1.83*	0.87 to 3.48 >0.9980		0.06
12		75*	1.71	0.63 to 4.64 0.9733		0.05

Table11 - Compounds with the pyridine ring on their chemical structure and non-cyano groups in the "para" position. † - value displayed is an average of 3 values. * - value displayed is an average of 2 values. CBC - Can't Be Calculated. C.I. - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

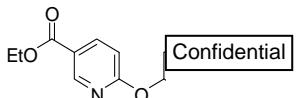
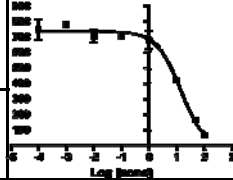
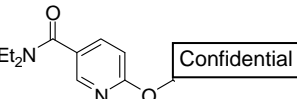
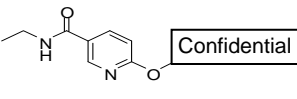
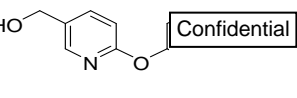
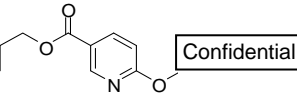
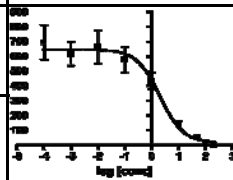
Compounds	Chemical Structure	IL-23 data				PDE4 Data
		% inhibition at 10µM	IC ₅₀ (µM)	95% C.I. R ²	Graph	%inhibition at 10µM IC ₅₀ (µM)
1		44*	14.13	3.06 to 24.77 0.99		99 0.05
2		4*	CBC			82 1.4
3		10*	CBC			90 0.92
4		8				77
5		48	2.1	1.17 to 3.77 0.991		0.13

Table11 - Compounds with the pyridine ring on their chemical structure and non-cyano groups in the "para" position. † - value displayed is an average of 3 values. * - value displayed is an average of 2 values. CBC - Can't Be Calculated. C.I. - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

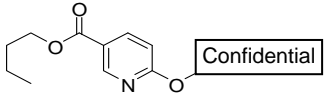
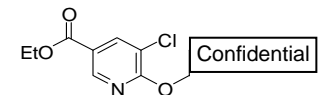
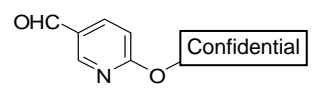
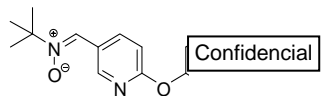
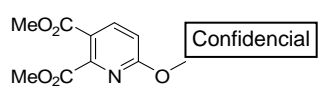
Compounds	Chemical Structure	IL-23 data			PDE4 Data	
		% inhibition at 10µM	IC ₅₀ (µM)	95% C.I. R ²	Graph	%inhibition at 10µM IC ₅₀ (µM)
6		43				0.09
7		24				0.04
8		0				0.47
9		21				1.37
10		0				0.1

Table11 - Compounds with the pyridine ring on their chemical structure and non-cyano groups in the "para" position. † - value displayed is an average of 3 values. * - value displayed is an average of 2 values. CBC - Can't Be Calculated. C.I. - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

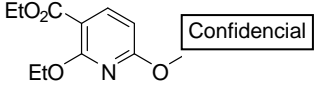
Compounds	Chemical Structure	IL-23 data				PDE4 Data
		% inhibition at 10µM	IC ₅₀ (µM)	95% C.I. R ²	Graph	%inhibition at 10µM IC ₅₀ (µM)
11		0				0.06

Table 12 - Known and commercially available PDE4 inhibitors. CBC - Can't Be Calculated. * - value displayed is an average of 2 values. C.I. - Confidence Interval. The compound name, chemical structure and data for IL-23 and PDE4 are shown.

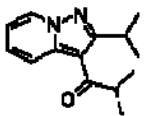
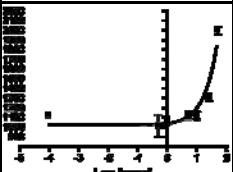
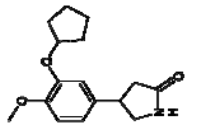
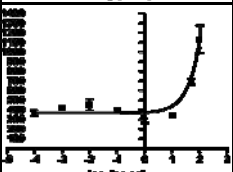
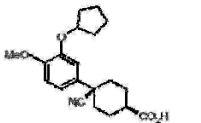
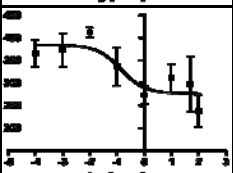
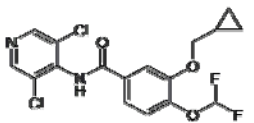
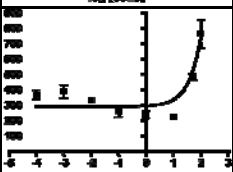
Compounds	Chemical Structure	IL-23 data			Graph	PDE4 Data
		% inhibition at 10 μ M	IC ₅₀ (μ M)	95% C.I. R ²		%inhibition at 10 μ M IC ₅₀ (μ M)
Ibudilast		0	CBC			1.07
Rolipram		21*	CBC			1.7
Cilomilast		15	CBC			0.12
Roflumilast		39	CBC			<0.01

Table 13 - Anacor compounds with no PDE4 inhibition and reasonable IL-23 inhibition. ¥ - value displayed is an average of 5 values. * - value displayed is an average of 2 values. CBC - Can't Be Calculated. C.I. - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

Compounds	Chemical Structure	IL-23 data			Graph	PDE4 Data
		% inhibition at 10µM	IC ₅₀ (µM)	95% C.I. R ²		%inhibition at 10µM IC ₅₀ (µM)
AN3054	<chem>NCC1=CC=C(O)C=C1</chem> HCl H ₂ N- Confidential	4¥	CBC			>100
AN3056	<chem>NCC1=CC=C(O)C=C1</chem> H ₂ N HCl Confidential	45¥	3.11	0.17 to 8.26		>100
				0.9772		

Table 14 - Anacor compounds with no PDE4 inhibition and reasonable IL-23 inhibition. CBC - Can't Be Calculated. C.I. - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

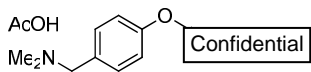
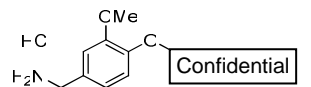
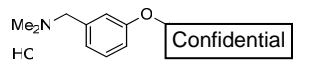
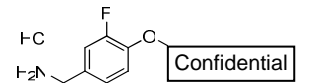
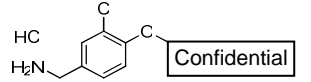
Compounds	Chemical Structure	IL-23 data			PDE4 Data	
		% inhibition at 10 μ M	IC ₅₀ (μ M)	95% C.I. R ²	Graph	%inhibition at 10 μ M IC ₅₀ (μ M)
AN3465		19				
AN3482		0				
AN3483		0				
AN3484		52				>100
AN3485		85				

Table 15 - Anacor compounds tested for IL-23 that are not displayed in the remaining tables. * - value displayed is an average of 2 values. **CBC** - Can't Be Calculated. **C.I.** - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

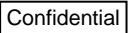
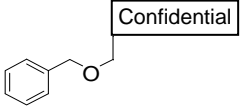
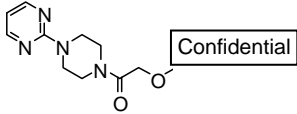
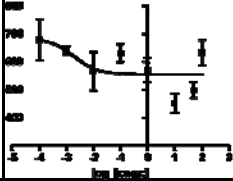
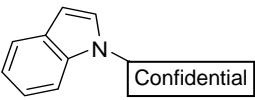
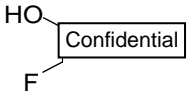
Compounds	Chemical Structure	IL-23 data				PDE4 Data
		% inhibition at 10 μ M	IC ₅₀ (μ M)	95% C.I. R ²	Graph	%inhibition at 10 μ M IC ₅₀ (μ M)
1	AN2679 	9				
2	AN2904 	19				45
3	AN2946 	29*	CBC			2.4
4	AN2954 	19				
5	AN3011 	10				

Table 15 - Anacor compounds tested for IL-23 that are not displayed in the remaining tables. * - value displayed is an average of 2 values. **CBC** - Can't Be Calculated. **C.I.** - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

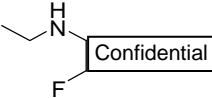
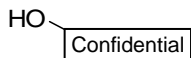
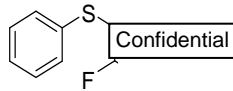
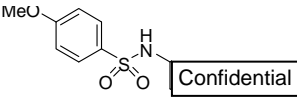
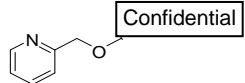
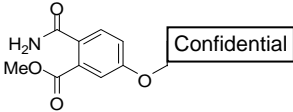
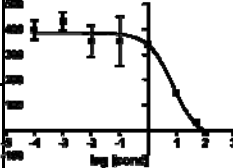
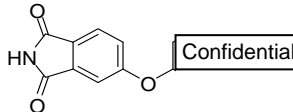
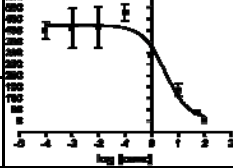
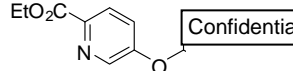
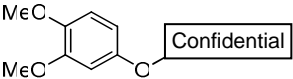
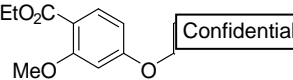
Compounds	Chemical Structure	IL-23 data				PDE4 Data
		% inhibition at 10 μ M	IC ₅₀ (μ M)	95% C.I. R ²	Graph	%inhibition at 10 μ M IC ₅₀ (μ M)
6		40				
7		11				
8		30*				
9		0*				
10		38				

Table 15 - Anacor compounds tested for IL-23 that are not displayed in the remaining tables. * - value displayed is an average of 2 values. **CBC** - Can't Be Calculated. **C.I.** - Confidence Interval. The Anacor compound name, partial chemical structure and data for IL-23 and PDE4 are shown.

Compounds	Chemical Structure	IL-23 data				PDE4 Data
		% inhibition at 10 μ M	IC ₅₀ (μ M)	95% C.I. R ²	Graph	%inhibition at 10 μ M IC ₅₀ (μ M)
11		58*	7.64	2.92 to 20.02 0.98		100 0.121
12		65	3.37	0.93 to 12.15 0.968		102 0.1
13		0				0.15
14		41				0.64
15		4				0.06