Pharmaceuticals

Date: 2/8/07 ; Puracyp Study Number: PH-2007-100

Luciferase Activity

DPX2 Cells @P30; 24h treatment

COMPOUND NAME[b]	Conc.	REPLICATE ONE	REPLICATE TWO	REPLICATE THREE	MEAN VALUE	Mean Value of Cytotoxicity Assay[c]	Mean RLU based on viable cell number[a]	FOLD INDUCTION	% CV	Percent of 10 uM Rif	Percent of 10 uM Mif	Percent of 10 uM ANDRO
XYZ	0.1 uM	2277	2307	2330	2304.66667	3014.33333	0.76457	1.96	1.2%	16%	25%	57%
	1 uM	4478	4367	3913	4252.66667	3079.33333	1.38103	3.55	7.0%	28%	45%	104%
	10 uM	7999	8320	7773	8030.66667	2817.00000	2.85079	7.33	3.4%	58%	93%	214%
DMSO	0.10%	1002	1230	1142	1124.66667	2890.00000	0.38916	1.00	10.2%			
RIF	10 uM	13711	11718	12651	12693.33333	2593.66667	4.89397	12.58	7.9%	100%	160%	368%
ANDRO	10 uM	4596	4637	4683	4638.66667	3485.33333	1.33091	3.42	0.9%	27%	44%	100%
MIF	10 uM	8998	6856	7466	7773.33333	2548.33333	3.05036	7.84	0.6%	62%	100%	229%

[a] Based on the number of viable cells/well determined by the MultiTox-Fluor Multiplex Cytotoxicity Assay

[b] Abbreviations used: DMSO, dimethylsulfoxide; RIF, rifampicin; MIF, mifepristone; ANDRO, androstanol

[c] Values are from DPX2 viable cell number worksheet.

VIABLE CELL NUMBER PER WELL (CYTOTOXICITY)

COMPOUND NAME[b]	Conc.	REPLICATE ONE	REPLICATE TWO	REPLICATE THREE	MEAN VALUE
XYZ	0.1 uM	2954	2980	3109	3014.33333
	1 uM	3554	3613	3271	3479.33333
	10 uM	1976	3593	2882	2817.00000
DMSO	0.10%	2723	2668	3279	2890.00000
RIF	10 uM	2408	2450	2923	2593.66667
ANDRO	10 uM	3421	3420	3615	3485.33333
MIF	10 uM	2235	1985	3425	2548.33333

[a] Actual viable cell number in corresponding luciferase well determined with MultiTox Fluor Multiplex Cytotoxicity Assay (Promega)

[b] Abbreviations used: DMSO, dimethylsulfoxide; RIF, rifampicin; MIF, mifepristone; ANDRO, androstanol