

S2 Table. Negative hit compounds. Mechanism of action listed are taken from the Prestwick library annotation except the ones in green, which are based on literature.

	Chemical name	Mechanism of action	Fraction Nuclear	SEM	P
1µM negative hits	(+)-Isoproterenol (+)-bitartrate salt	Adrenergic receptor agonist	0.550	0.038	0.0547
	Alprostadil	Prostaglandin receptor agonist	0.553	0.035	0.0386
	Ritodrine hydrochloride	Beta2 agonist	0.553	0.029	0.0209
	Pridinol methanesulfonate salt	Anticholinergic	0.556	0.030	0.0205
	Fenoterol hydrobromide	Beta adrenergic agonist	0.559	0.039	0.0446
	Benzethonium chloride	Detergent	0.562	0.037	0.0350
	Acetohexamide	Blocking of ATP-sensitive K ⁺ channel; Stimulation of insulin release	0.564	0.021	0.0037
	Nylidrin	sympathomimetic beta-adrenergic agonist	0.566	0.026	0.0077
	Levonordefrin	Adrenergic receptor agonist	0.569	0.008	0.0000
	Metaproterenol sulfate orciprenaline sulfate	Beta-adrenergic agonist	0.569	0.034	0.0217
	Bosentan	endothelin-1 inhibition	0.576	0.029	0.0085
	Trazodone hydrochloride	5-HT uptake inhibitor	0.577	0.019	0.0015
	Salbutamol	Beta adrenergic agonist	0.577	0.008	0.0000
	Dipivefrin hydrochloride	Prodrug, epinephrine produced is an adrenergic agonist	0.586	0.012	0.0001
	Ebselen	Cyclooxygenase inhibitor	0.590	0.023	0.0023
	Tulobuterol	beta-2-adrenergic receptor agonist	0.599	0.022	0.0012
	Terbutaline hemisulfate	Beta-2 adrenergic agonist	0.610	0.023	0.0012
Racepinephrine HCl	non-selective agonist of all adrenergic receptors	0.616	0.013	0.0001	
Formoterol fumarate	β ₂ -agonist	0.617	0.018	0.0003	
100nM negative hits	Levonordefrin	Adrenergic receptor agonist	0.536	0.016	0.0023
	Fenoterol hydrobromide	Beta adrenergic agonist	0.543	0.020	0.0050
	Benzethonium chloride	Detergent	0.552	0.021	0.0039
	Dipivefrin hydrochloride	Prodrug, epinephrine produced is an adrenergic agonist	0.555	0.023	0.0051
	Salbutamol	Beta adrenergic agonist	0.570	0.014	0.0003
	Isoetharine mesylate salt	Beta adrenergic agonist	0.577	0.022	0.0018
	Bosentan	endothelin-1 inhibition	0.579	0.015	0.0003
	Racepinephrine HCl	non-selective agonist of all adrenergic receptors	0.595	0.027	0.0026