

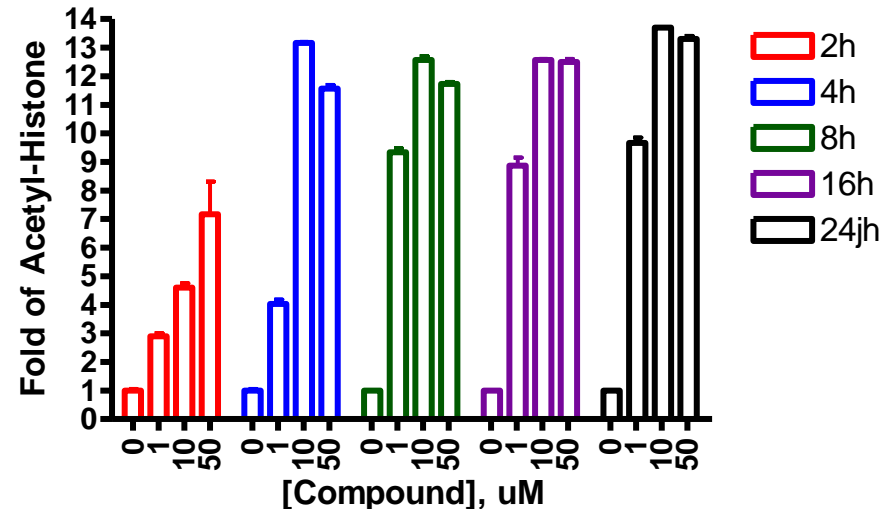
ELISA assay of Acetylated Histone H3 in HepG2 cells

Assay Description: HepG2 cells were treated with customer compound in 1 μ M, 10 μ M, 50 μ M or DMSO for 2h, 4h, 8h, 16h and 24h. The acetylated Histone H3 levels were detected using PathScan Acetylated-Histone H3 Sandwich ELISA kit

Raw data																
		2h			4h			8h			16h			24h		
	Conc.(M)	Data 1	Data 2	Data 3	Data 1	Data 2	Data 3	Data 1	Data 2	Data 3	Data 1	Data 2	Data 3	Data 1	Data 2	Data 3
	DMSO	0.167	0.180	0.195	0.173	0.196	0.181	0.208	0.208	0.207	0.200	0.205	0.214	0.193	0.198	0.201
	1.00E-06	0.506	0.553	0.510	0.695	0.738	0.789	1.934	1.888	1.986	1.726	1.821	1.946	1.835	1.941	1.951
	1.00E-05	0.769	0.845	0.865	2.417	2.416	2.402	2.627	2.552	2.639	2.587	2.597	2.610	2.704	2.708	2.698
	5.00E-05	1.693	1.019	1.177	2.074	2.142	2.146	2.406	2.449	2.450	2.561	2.564	2.621	2.594	2.656	2.631

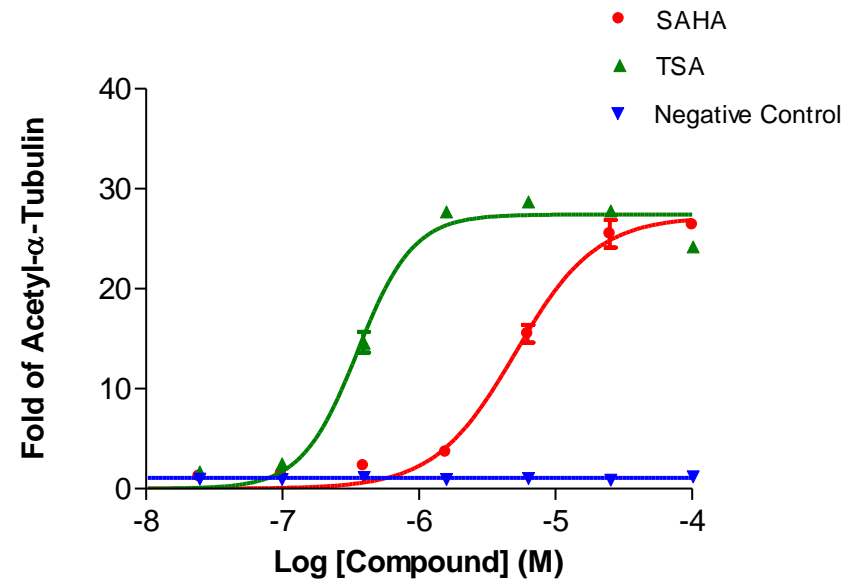
Fold of Acetylated-Histone																
		2h			4h			8h			16h			24h		
	Conc.(M)	Data 1	Data 2	Data 3	Data 1	Data 2	Data 3	Data 1	Data 2	Data 3	Data 1	Data 2	Data 3	Data 1	Data 2	Data 3
	DMSO	0.9	1.0	1.1	0.9	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	1.00E-06	2.8	3.1	2.8	3.8	4.0	4.3	9.3	9.1	9.6	8.4	8.8	9.4	9.3	9.8	9.9
	1.00E-05	4.3	4.7	4.8	13.2	13.2	13.1	12.7	12.3	12.7	12.5	12.6	12.6	13.7	13.7	13.7
	5.00E-05	9.4	5.6	6.5	11.3	11.7	11.7	11.6	11.8	11.8	12.4	12.4	12.7	13.1	13.5	13.3

Acetylated Histone in HepG2 Cells



ELISA assay of Acetylated- α -tubulin levels in PC3 cells

Assay Description: PC3 cells were treated with tool compound (SAHA and TSA) in indicated doses for 16h. The acetylated α -tubulin levels were detected using PathScan Acetylated- α -tubulin Sandwich ELISA kit



	SAHA	TSA
HILLSLOPE	1.471	2.127
EC50	5.087e-006	3.541e-007