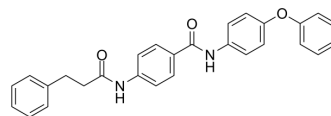


SB-429201

Cat. No.:	HY-119017		
CAS No.:	1027971-34-1		
Molecular Formula:	C ₂₈ H ₂₄ N ₂ O ₃		
Molecular Weight:	436.5		
Target:	HDAC		
Pathway:	Cell Cycle/DNA Damage; Epigenetics		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	SB-429201 is a potent and selective HDAC1 (IC ₅₀ ~1.5 μM). SB-429201 displays at least a 20-fold preference for HDAC1 inhibition over HDAC3 and HDAC8 ^{[1][2]} .
IC ₅₀ & Target	HDAC3 1.5 μM (IC ₅₀)

REFERENCES

[1]. Bieliauskas AV, Pflum MK. Isoform-selective histone deacetylase inhibitors. Chem Soc Rev. 2008;37(7):1402-1413.

[2]. Hu E, et al. Identification of novel isoform-selective inhibitors within class I histone deacetylases. J Pharmacol Exp Ther. 2003;307(2):720-728.

Caution: Product has not been fully validated for medical applications. For research use only.

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