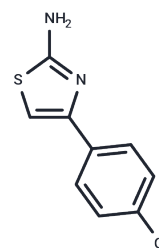


Histone acetyltransferase p300 Inhibitor 4c

Chemical Properties

CAS No. :	2103-99-3
Formula:	C ₉ H ₇ ClN ₂ S
Molecular Weight:	210.68
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Histone acetyltransferase p300 Inhibitor 4c is a 2-aminothiazole derivative. Histone acetyltransferase p300 Inhibitor 4c inhibited hCA I, hCA II, AChE and BChE with K_i values of 0.008 ± 0.001 , 0.124 ± 0.017 , 0.129 ± 0.030 and 0.083 ± 0.041 μ M. 0.017 , 0.129 ± 0.030 and 0.083 ± 0.041 μ M.
Targets(IC ₅₀)	Carbonic Anhydrase,AChE

Solubility Information

Solubility	DMSO: 50 mg/mL (237.33 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7465 mL	23.7327 mL	47.4654 mL
5 mM	0.9493 mL	4.7465 mL	9.4931 mL
10 mM	0.4747 mL	2.3733 mL	4.7465 mL
50 mM	0.0949 mL	0.4747 mL	0.9493 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Caba-Flores MD, et al. Activity In Vitro of 2-Chloro-N-[4-(4-Chlorophenyl)-2-Thiazolyl]Acetamide Against Promastigotes of Leishmania mexicana: An Apoptosis Inducer. Acta Parasitol. 2021;66(3):1068-1073.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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