

SR-4370

Chemical Properties

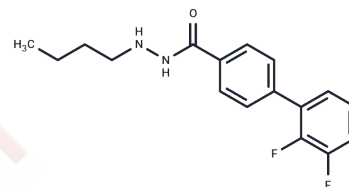
CAS No. : 1816294-67-3

Formula: C₁₇H₁₈F₂N₂O

Molecular Weight: 304.33

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	SR-4370 is an HDAC inhibitor. SR- 4370 exhibited IC ₅₀ values of 0.5 μM, 0.1 μM and 0.06 μM towards HDAC1, HDAC2 and HDAC3, resp.
Targets(IC ₅₀)	HDAC

Solubility Information

Solubility	DMSO: 55 mg/mL (180.72 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2859 mL	16.4295 mL	32.8591 mL
5 mM	0.6572 mL	3.2859 mL	6.5718 mL
10 mM	0.3286 mL	1.643 mL	3.2859 mL
50 mM	0.0657 mL	0.3286 mL	0.6572 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

D Liao, etal. HDAC Inhibitor Compounds and Methods of Treatment

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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