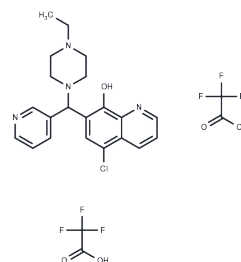


BRD 4354 ditrifluoroacetate

Chemical Properties

CAS No. : T10602
Formula: C₂₅H₂₅ClF₆N₄O₅
Molecular Weight: 610.93
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	BRD 4354 (ditrifluoroacetate) is a moderately potent inhibitor of HDAC5 and HDAC9 (IC ₅₀ s: 0.85 and 1.88 μM).
Targets(IC ₅₀)	HDAC

Solubility Information

Solubility	DMSO: 125 mg/mL (204.61 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	1.6368 mL	8.1842 mL	16.3685 mL
5 mM	0.3274 mL	1.6368 mL	3.2737 mL
10 mM	0.1637 mL	0.8184 mL	1.6368 mL
50 mM	0.0327 mL	0.1637 mL	0.3274 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

Boskovic ZV, ET AL. Inhibition of Zinc-Dependent Histone Deacetylases with a Chemically Triggered Electrophile. ACS Chem Biol. 2016 Jul 15;11(7):1844-51.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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