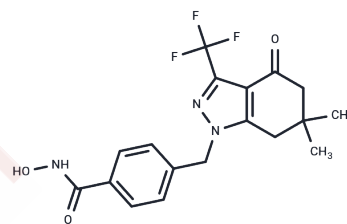


HDAC6-IN-34

Chemical Properties

CAS No. : 1432508-73-0
 Formula: C₁₈H₁₈F₃N₃O₃
 Molecular Weight: 381.35
 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	HDAC6-IN-34 (compound 21), an orally active, selective HDAC6 inhibitor, exhibits an IC ₅₀ of 18 nM. It enhances tubulin acetylation levels without impacting histone acetylation in cutaneous T-cell lymphoma cells and suppresses TNF- α secretion in LPS-stimulated macrophage cells. Furthermore, HDAC6-IN-34 demonstrates outstanding anti-arthritic efficacy in rats [1].
Targets(IC ₅₀)	HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6223 mL	13.1113 mL	26.2226 mL
5 mM	0.5245 mL	2.6223 mL	5.2445 mL
10 mM	0.2622 mL	1.3111 mL	2.6223 mL
50 mM	0.0524 mL	0.2622 mL	0.5245 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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