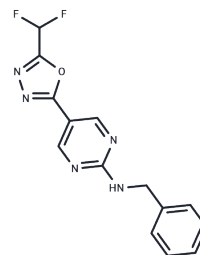


HDAC6-IN-33

Chemical Properties

CAS No. :	2444302-23-0
Formula:	C ₁₄ H ₁₁ F ₂ N ₅ O
Molecular Weight:	303.27
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-33 (compound 6), an irreversible and selective HDAC6 inhibitor, demonstrates a potency with an IC ₅₀ of 193 nM and lacks activity against HDAC1-4. This compound adheres to HDAC6 through a two-step slow-binding mechanism, establishing it as a tight-binding inhibitor [1].
Targets(IC ₅₀)	HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2974 mL	16.487 mL	32.9739 mL
5 mM	0.6595 mL	3.2974 mL	6.5948 mL
10 mM	0.3297 mL	1.6487 mL	3.2974 mL
50 mM	0.0659 mL	0.3297 mL	0.6595 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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