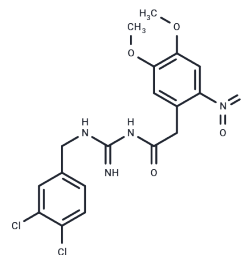


CatD-IN-1

Chemical Properties

CAS No. :	1628521-28-7
Formula:	C ₁₈ H ₁₈ Cl ₂ N ₄ O ₅
Molecular Weight:	441.265
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	CatD-IN-1 (Compound 5) is a Cathepsin D inhibitor with an IC ₅₀ of 0.44 μM, and it shows potential for research in the field of osteoarthritis.
Targets(IC ₅₀)	Cysteine Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2662 mL	11.3309 mL	22.6619 mL
5 mM	0.4532 mL	2.2662 mL	4.5324 mL
10 mM	0.2266 mL	1.1331 mL	2.2662 mL
50 mM	0.0453 mL	0.2266 mL	0.4532 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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