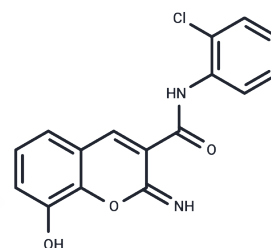


CBR1-IN-3

Chemical Properties

CAS No. : 891101-69-2
 Formula: C₁₆H₁₁ClN₂O₃
 Molecular Weight: 314.72
 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	CBR1-IN-3 (compound 13h) serves as a potent inhibitor of carbonyl reductase 1 (CBR1), exhibiting an IC ₅₀ value of 0.034 μM [1].
Targets(IC ₅₀)	Others,NADPH

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1774 mL	15.8871 mL	31.7743 mL
5 mM	0.6355 mL	3.1774 mL	6.3549 mL
10 mM	0.3177 mL	1.5887 mL	3.1774 mL
50 mM	0.0635 mL	0.3177 mL	0.6355 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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