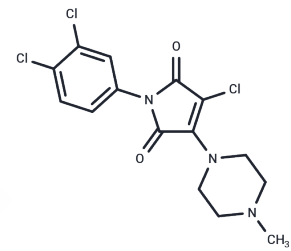


MLS-0053105

Chemical Properties

CAS No. : 370572-36-4
 Formula: C₁₅H₁₄Cl₃N₃O₂
 Molecular Weight: 374.65
 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	MLS-0053105, a chloromaleimide, functions as a selective inhibitor of Bfl-1, exhibiting an IC ₅₀ of 0.4 μM against Bfl-1/F-Bid. Its inhibitory potency is over tenfold lower for Bcl-W, Bcl-2, and Bcl-XL, and it shows no activity against Bcl-B and Mcl-1.
Targets(IC ₅₀)	Bcl-2 Family,FXR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6692 mL	13.3458 mL	26.6916 mL
5 mM	0.5338 mL	2.6692 mL	5.3383 mL
10 mM	0.2669 mL	1.3346 mL	2.6692 mL
50 mM	0.0534 mL	0.2669 mL	0.5338 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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