

eSM156

Chemical Properties

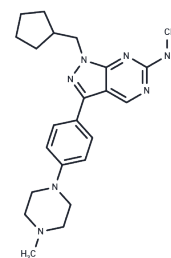
CAS No. :

Formula: C23H31N7

Molecular Weight: 405.55

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	eSM156 is an effective FLT3 inhibitor. It has high antiproliferative activity against acute myeloid leukemia (AML) cells. eSM156 has IC50 (FLT3) = 1.4 nM; EC50 (MV4-11 cells) = 150 nM; EC50 (MOLM-13 cells) = 40 nM.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4658 mL	12.3289 mL	24.6579 mL
5 mM	0.4932 mL	2.4658 mL	4.9316 mL
10 mM	0.2466 mL	1.2329 mL	2.4658 mL
50 mM	0.0493 mL	0.2466 mL	0.4932 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.

Reference

Development of Potent Inhibitors of Receptor Tyrosine Kinases by Ligand-Based Drug Design and Target-Biased Phenotypic Screening Samuel H. Myers, Carolin Temps, Douglas R. Houston, Valerie G. Brunton, and Asier Unciti-Broceta Publication Date (Web): February 21, 2018 (Brief Article) doi: 10.1021/acs.jmedchem.7b01605

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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