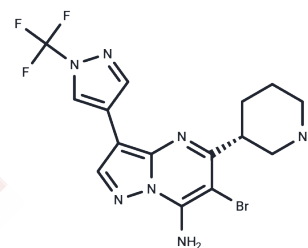


MU-380

Chemical Properties

CAS No. : 2109805-78-7
 Formula: C₁₅H₁₅BrF₃N₇
 Molecular Weight: 430.23
 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	MU-380 is an effective and selective inhibitor of CHK1.
Targets(IC50)	Others,Chk

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3243 mL	11.6217 mL	23.2434 mL
5 mM	0.4649 mL	2.3243 mL	4.6487 mL
10 mM	0.2324 mL	1.1622 mL	2.3243 mL
50 mM	0.0465 mL	0.2324 mL	0.4649 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

Samadder P, Suchánková T, Hylse O, Khirsariya P, Nikulenkov F, Drápela S, Straková N, Vaňhara P, Vašíčková K, Kolářová H, Binó L, Bittová M, Ovesná P, Kollár P, Fedr R, Ešner M, Jaroš J, Hampl A, Krejčí L, Paruch K, Souček K. Synthesis and Profiling of a Novel Potent Selective Inhibitor of CHK1 Kinase Possessing Unusual N-trifluoromethylpyrazole Pharmacophore Resistant to Metabolic N-dealkylation. Mol Cancer Ther. 2017 Sep;16(9):1831-1842. doi: 10.1158/1535-7163.MCT-17-0018. Epub 2017 Jun 15. PubMed PMID: 28619751.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481