

SMU-B

Chemical Properties

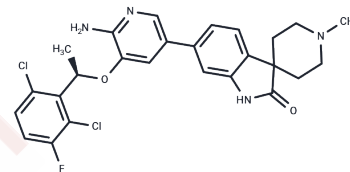
CAS No. : 1253286-90-6

Formula: C₂₆H₂₅Cl₂FN₄O₂

Molecular Weight: 515.41

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	SMU-B is a well-tolerated c-Met/ALK dual inhibitor.
Targets(IC50)	Others,ALK,c-Met/HGFR,ROS Kinase,TAM Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9402 mL	9.701 mL	19.402 mL
5 mM	0.388 mL	1.9402 mL	3.8804 mL
10 mM	0.194 mL	0.9701 mL	1.9402 mL
50 mM	0.0388 mL	0.194 mL	0.388 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

Tian Y, Yu Y, Shen Y, Wan H, Chang S, Zhang T, Wan S, Zhang J. Molecular Simulation Studies on the Binding Selectivity of Type-I Inhibitors in the Complexes with ROS1 versus ALK. J Chem Inf Model. 2017 Apr 24;57(4):977-987. doi: 10.1021/acs.jcim.7b00019. Epub 2017 Mar 29. PubMed PMID: 28318251.

Li J, Wu N, Tian Y, Zhang J, Wu S. Aminopyridyl/Pyrazinyl Spiro[indoline-3,4'-piperidine]-2-ones As Highly Selective and Efficacious c-Met/ALK Inhibitors. ACS Med Chem Lett. 2013 Jul 12;4(8):806-10. doi: 10.1021/ml400203d. eCollection 2013 Aug 8. PubMed PMID: 24900750; PubMed Central PMCID: PMC4027565.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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