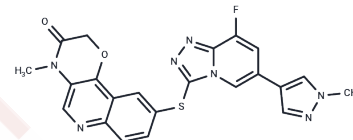


Dalmelitinib

Chemical Properties

CAS No. :	1637658-98-0
Formula:	C ₂₂ H ₁₆ N ₄ O ₂ S
Molecular Weight:	461.47
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	Dalmelitinib is a selective, orally active c-Met kinase inhibitor (IC ₅₀ : 2.9 nM) that binds the ATP-binding region of c-Met. Dalmelitinib induces phosphorylation of MET and partially or completely inhibits phosphorylation of AKT and ERK. dalmelitinib exhibits a potent inhibitory effect on the proliferation of cancer cells (c-Met oncogene amplification) and can be used in cancer research (e.g. non-small cell lung cancer).
Targets(IC ₅₀)	Others,c-Met/HGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.167 mL	10.8349 mL	21.6699 mL
5 mM	0.4334 mL	2.167 mL	4.334 mL
10 mM	0.2167 mL	1.0835 mL	2.167 mL
50 mM	0.0433 mL	0.2167 mL	0.4334 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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