

Takeda-6d

Chemical Properties

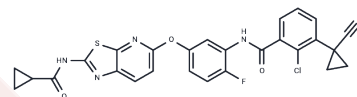
CAS No. : 1125632-93-0

Formula: C₂₇H₁₉ClFN₅O₃S

Molecular Weight: 547.99

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	Takeda-6d is a novel, potent DFG-out RAF/vascular endothelial growth factor receptor 2 (VEGFR2) inhibitor with IC ₅₀ of 7.0 nM and 2.2 nM, respectively.
Targets(IC ₅₀)	Raf,PERK,VEGFR

Solubility Information

Solubility	DMSO: 65 mg/mL (118.62 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8249 mL	9.1243 mL	18.2485 mL
5 mM	0.365 mL	1.8249 mL	3.6497 mL
10 mM	0.1825 mL	0.9124 mL	1.8249 mL
50 mM	0.0365 mL	0.1825 mL	0.365 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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