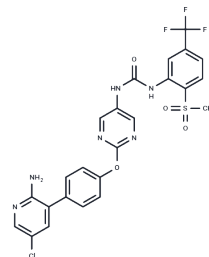


ONO-7579

Chemical Properties

CAS No. : 1622212-25-2
 Formula: C₂₄H₁₈ClF₃N₆O₄S
 Molecular Weight: 578.95
 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	ONO-7579, an orally active TRKA inhibitor, effectively suppresses tumor growth by inhibiting TRKA phosphorylation. In KM12 colorectal cancer cells, it exhibits an EC ₅₀ of 17.6 ng/g, indicating that a concentration of 17.6 ng per gram of tumor tissue reduces the activity of phosphorylated TRKA by 50%. This compound is utilized in cancer research.
Targets(IC ₅₀)	Trk receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7273 mL	8.6363 mL	17.2726 mL
5 mM	0.3455 mL	1.7273 mL	3.4545 mL
10 mM	0.1727 mL	0.8636 mL	1.7273 mL
50 mM	0.0345 mL	0.1727 mL	0.3455 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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