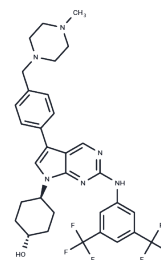


UNC9426

Chemical Properties

CAS No. :	3051784-94-9
Formula:	C ₃₂ H ₃₄ F ₆ N ₆ O
Molecular Weight:	632.642
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	UNC9426 is an orally active, potent and selective TYRO3 inhibitor with an IC ₅₀ of 2.1 nM. It reduces platelet aggregation without prolonging bleeding time and blocks TYRO3-dependent functions in tumour cells and macrophages, making it suitable for studying thrombosis and platelet aggregation.
Targets(IC ₅₀)	Platelet aggregation, TAM Receptor

Solubility Information

Solubility	DMSO: 15 mg/mL (23.71 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5807 mL	7.9034 mL	15.8068 mL
5 mM	0.3161 mL	1.5807 mL	3.1614 mL
10 mM	0.1581 mL	0.7903 mL	1.5807 mL
50 mM	0.0316 mL	0.1581 mL	0.3161 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

Deyu Kong, et al. UNC9426, a Potent and Orally Bioavailable TYRO3-Specific Inhibitor. J Med Chem. 2025 Mar 27;68(6):6665-6682.

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