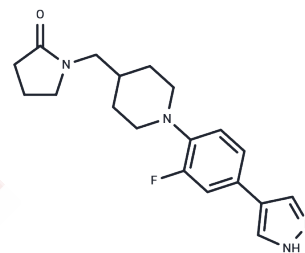


20-HETE inhibitor-2

Chemical Properties

CAS No. :	2992666-48-3
Formula:	C ₁₉ H ₂₃ FN ₄ O
Molecular Weight:	342.41
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	20-HETE inhibitor-2 is an effective inhibitor of 20-HETE synthesis. It reduces 20-HETE production by blocking CYP4A/CYP4F, exhibiting antihypertensive and renoprotective effects in cardiovascular research.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (233.64 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9205 mL	14.6024 mL	29.2048 mL
5 mM	0.5841 mL	2.9205 mL	5.841 mL
10 mM	0.292 mL	1.4602 mL	2.9205 mL
50 mM	0.0584 mL	0.292 mL	0.5841 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

Iino T, Tsukahara D, Kamata K, et al. Discovery of potent and orally active 3-alkoxy-5-phenoxy-N-thiazolyl benzamides as novel allosteric glucokinase activators[J]. Bioorganic & medicinal chemistry, 2009, 17(7): 2733-2743.

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