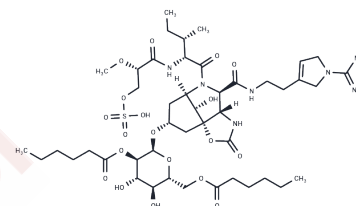


Suomilide

Chemical Properties

CAS No. :	195256-59-8
Formula:	C ₄₅ H ₇₃ N ₇ O ₁₉ S
Molecular Weight:	1048.17
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	Suomilide effectively inhibits human trypsin-2 and trypsin-3, displaying IC ₅₀ values of 4.7 nM and 11.5 nM, respectively. Additionally, it exhibits inhibition of trypsin-1 with an IC ₅₀ value of 104 nM.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.954 mL	4.7702 mL	9.5404 mL
5 mM	0.1908 mL	0.954 mL	1.9081 mL
10 mM	0.0954 mL	0.477 mL	0.954 mL
50 mM	0.0191 mL	0.0954 mL	0.1908 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

Ahmed MN, et al. Potent Inhibitor of Human Trypsins from the Aeruginosin Family of Natural Products. ACS Chem Biol. 2021 Nov 19;16(11):2537-2546.

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