

mPGES-1/sEH-IN-1

Chemical Properties

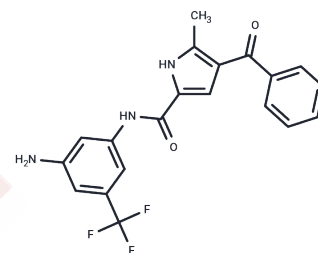
CAS No. :

Formula: C₂₀H₁₆F₃N₃O₂

Molecular Weight: 387.355

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	mPGES-1/sEH-IN-1 (compound 1f) is a sEH inhibitor with an IC ₅₀ value of 5 μM. It also exhibits antitumor activity by inhibiting mPGES-1, with an IC ₅₀ value of 25 μM.
Targets(IC ₅₀)	Epoxide Hydrolase, Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5816 mL	12.9079 mL	25.8158 mL
5 mM	0.5163 mL	2.5816 mL	5.1632 mL
10 mM	0.2582 mL	1.2908 mL	2.5816 mL
50 mM	0.0516 mL	0.2582 mL	0.5163 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

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481