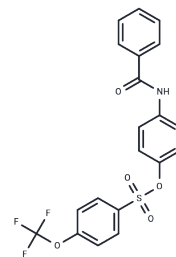


ENPP3 Inhibitor 1

Chemical Properties

CAS No. :	2803505-90-8
Formula:	C ₂₀ H ₁₄ F ₃ NO ₅ S
Molecular Weight:	437.39
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	ENPP3 Inhibitor 1 is a selective inhibitor of ENPP3, exhibiting an IC ₅₀ value of 0.15 μM, compared to an IC ₅₀ of 41.4 μM for ENPP1. It demonstrates antitumor effects against breast and cervical cancers.
Targets(IC ₅₀)	Others,PDE
In vitro	ENPP3 Inhibitor 1 (Compound 4t) exhibits antitumor activity against human cancer cell lines MCF7 and HeLa, as well as the human embryonic kidney cell line HEK293, with inhibition rates of 29.6%, 49.7%, and 8.6% respectively, at a concentration of 100 μM over 24 hours.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2863 mL	11.4314 mL	22.8629 mL
5 mM	0.4573 mL	2.2863 mL	4.5726 mL
10 mM	0.2286 mL	1.1431 mL	2.2863 mL
50 mM	0.0457 mL	0.2286 mL	0.4573 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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