

NAZ2329

Chemical Properties

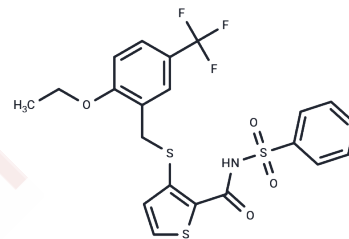
CAS No. : 2809469-05-2

Formula: C₂₁H₁₈F₃N₂O₄S₃

Molecular Weight: 501.56

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	NAZ2329 is the first cell-permeable inhibitor of the R5 subfamily of receptor-type protein tyrosine phosphatases (RPTPs), which is a variant and preferentially inhibits PTPRZ (IC ₅₀ =7.5 μM for hPTPRZ1) and PTPRG (IC ₅₀ =4.8 μM for hPTPRG) compared to other PTPs. NAZ2329 inhibited the tumor growth of glioblastoma cells and exhibited stem cell-like properties compared to the whole (D1 + D2) fragment of PTPRZ.
Targets(IC ₅₀)	Others,Phosphatase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9938 mL	9.9689 mL	19.9378 mL
5 mM	0.3988 mL	1.9938 mL	3.9876 mL
10 mM	0.1994 mL	0.9969 mL	1.9938 mL
50 mM	0.0399 mL	0.1994 mL	0.3988 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