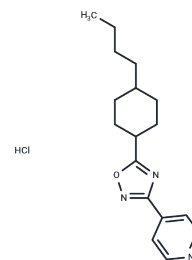


PSN 375963 hydrochloride(388575-52-8 Free base)

Chemical Properties

CAS No. : 1781834-82-9
 Formula: C₁₇H₂₄ClN₃O
 Molecular Weight: 321.85
 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	PSN 375963 hydrochloride, a potent GPR119 agonist, demonstrates EC ₅₀ values of 8.4 μM and 7.9 μM for human and mouse GPR119, respectively. Its efficacy is comparable to that of the endogenous agonist oleoylethanolamide (OEA) [1] [2].
Targets(IC ₅₀)	Others,GPCR
In vitro	The endogenous ligand oleoylethanolamide (OEA) activates GPR119 in a way comparable to the interaction of glucagon-like peptide-1 (GLP-1) with its receptor, influencing insulin secretion, intracellular calcium levels, and cyclic AMP concentration [2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.107 mL	15.5352 mL	31.0704 mL
5 mM	0.6214 mL	3.107 mL	6.2141 mL
10 mM	0.3107 mL	1.5535 mL	3.107 mL
50 mM	0.0621 mL	0.3107 mL	0.6214 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