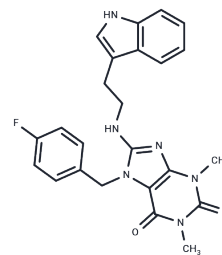


PSB-KK1445

Chemical Properties

CAS No. : 885896-54-8
 Formula: C₂₄H₂₃FN₆O₂
 Molecular Weight: 446.48
 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	PSB-KK1445 is a potent and selective agonist of GPR18, exhibiting EC ₅₀ values of 45.4 nM for humans and 124 nM for mice. The selectivity of PSB-KK1445 for GPR18 over the CB receptor subtypes GPR55 and GPR183 exceeds 200-fold.
Targets(IC50)	Cannabinoid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2397 mL	11.1987 mL	22.3974 mL
5 mM	0.4479 mL	2.2397 mL	4.4795 mL
10 mM	0.224 mL	1.1199 mL	2.2397 mL
50 mM	0.0448 mL	0.224 mL	0.4479 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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