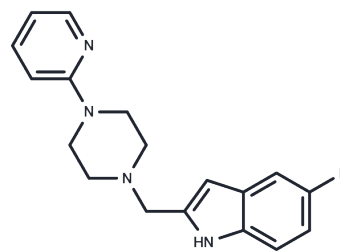


CP-226269

Chemical Properties

CAS No. : 220941-93-5
Formula: C₁₈H₁₉FN₄
Molecular Weight: 310.37
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	CP-226269 is a potent dopamine D4 receptor agonist that regulates calcium flux and has an EC ₅₀ value of 32.0 nM. CP 226269 can be used to study neurological disorders such as schizophrenia.
Targets(IC ₅₀)	Dopamine Receptor

Solubility Information

Solubility	DMSO: 45 mg/mL (144.99 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.222 mL	16.1098 mL	32.2196 mL
5 mM	0.6444 mL	3.222 mL	6.4439 mL
10 mM	0.3222 mL	1.611 mL	3.222 mL
50 mM	0.0644 mL	0.3222 mL	0.6444 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.

Reference

Robert B Moreland, et al. Comparative pharmacology of human dopamine D(2)-like receptor stable cell lines coupled to calcium flux through Galpha(qo5). Biochem Pharmacol. 2004 Aug 15;68(4):761-72.

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:36 Washington Street,Wellesley Hills,MA 02481