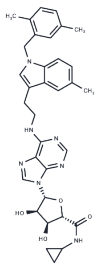
Data Sheet (Cat.No.T13256)

TargetMol

UP202-56

Chemical Properties



CAS No. : 163838-04-8

Formula: C33H37N7O4

Molecular Weight: 595.69

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	UP202-56 is an adenosinergic agonist and is an adenosine analog.
Targets(IC50)	AChR,Adenosine Receptor
In vitro	UP202-56(oral administration) are assessed on carrageenan-induced spinal c-Fos protein expression and peripheral oedema. Oral UP202-56 (10, 30 or 50 mg/kg) dose-dependently reduces the number of carrageenan-induced c-Fos like immunoreactivity (c-Fos-LI) neurons (r=0.931. P<0.0001), with the highest dose of UP202-56 producing 72±4% reduction of the total number of carrageenan-induced spinal c-Fos-LI neurons, and 12±3% and 33±6% of reduction of control carrageenan oedema at paw and ankle levels, respectively.UP202-56 dose-dependently reduced the expression of spinal cord c-Fos protein in carrageenan inflammatory pain model [1]. UP202-56 is an adenosine agonist[2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6787 mL	8.3936 mL	16.7873 mL
5 mM	0.3357 mL	1.6787 mL	3.3575 mL
10 mM	0.1679 mL	0.8394 mL	1.6787 mL
50 mM	0.0336 mL	0.1679 mL	0.3357 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.

Reference

Honoré P, et al. UP 202-56, an adenosine analogue, selectively acts via A1 receptors to significantly decrease noxiously-evoked spinal c-Fos protein expression. Pain. 1998 Apr;75(2-3):281-93.

Camborde, Francois, et al. PHARMACEUTICAL COMBINATION WITH ANALGESIC ACTIVITY, CONTAINING AN ADENOSINERGIC AGONIST AND A COMPOUND SELECTED FROM OPIATES, BENZODIAZEPINES AND NMDA ANTAGONISTS. Patent Application WO/1999/029347.

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