

CVT-5440

Chemical Properties

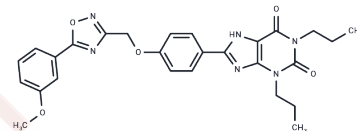
CAS No. : 531506-64-6

Formula: C₂₇H₂₈N₆O₅

Molecular Weight: 516.55

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	CVT-5440 is a selective, high-affinity (2B) adenosine receptor antagonist with good selectivity.
Targets(IC50)	Others, Adenosine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9359 mL	9.6796 mL	19.3592 mL
5 mM	0.3872 mL	1.9359 mL	3.8718 mL
10 mM	0.1936 mL	0.968 mL	1.9359 mL
50 mM	0.0387 mL	0.1936 mL	0.3872 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

Zablocki J, Kalla R, Perry T, Palle V, Varkhedkar V, Xiao D, Piscopio A, Maa T, Gimbel A, Hao J, Chu N, Leung K, Zeng D. The discovery of a selective, high affinity A(2B) adenosine receptor antagonist for the potential treatment of asthma. *Bioorg Med Chem Lett.* 2005 Feb 1;15(3):609-12. PubMed PMID: 15664822.

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