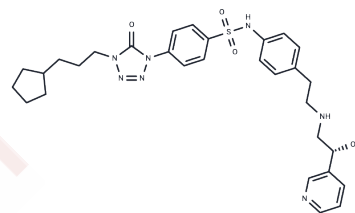


L-770644

Chemical Properties

CAS No. : 173901-95-6
 Formula: C30H37N7O4S
 Molecular Weight: 591.72
 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	L-770644 is an agonist of B3 adrenergic receptor.
Targets(IC50)	Others,Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.690 mL	8.4499 mL	16.8999 mL
5 mM	0.338 mL	1.690 mL	3.380 mL
10 mM	0.169 mL	0.845 mL	1.690 mL
50 mM	0.0338 mL	0.169 mL	0.338 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

Colwell LF Jr, Tamvakopoulos CS, Wang PR, Pivnichny JV, Shih TL. Rapid pharmacokinetic screening for the selection of new drug discovery candidates using a generic isocratic liquid chromatography--atmospheric pressure ionization tandem mass spectrometry method. J Chromatogr B Analyt Technol Biomed Life Sci. 2002 May 25;772(1):89-98. PubMed PMID: 12016019.

Shih TL, Candelore MR, Cascieri MA, Chiu SH, Colwell LF Jr, Deng L, Feeney WP, Forrest MJ, Hom GJ, MacIntyre DE, Miller RR, Stearns RA, Strader CD, Tota L, Wyvratt MJ, Fisher MH, Weber AE. L-770,644: a potent and selective human beta3 adrenergic receptor agonist with improved oral bioavailability. Bioorg Med Chem Lett. 1999 May 3;9(9):1251-4. PubMed PMID: 10340609.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481