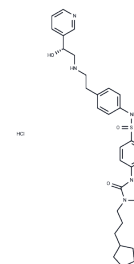


L-770644 dihydrochloride

Chemical Properties

CAS No. :	182251-68-9
Formula:	C30H38ClN7O4S
Molecular Weight:	628.19
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 dihydrochloride is a potent and selective agonist of the human beta3 adrenergic receptor.
Targets(IC50)	Others, Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5919 mL	7.9594 mL	15.9188 mL
5 mM	0.3184 mL	1.5919 mL	3.1838 mL
10 mM	0.1592 mL	0.7959 mL	1.5919 mL
50 mM	0.0318 mL	0.1592 mL	0.3184 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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