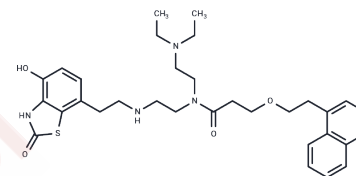


AZD-3199 free base

Chemical Properties

CAS No. :	925243-19-2
Formula:	C ₃₂ H ₄₂ N ₄ O ₄ S
Molecular Weight:	578.77
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	AZD-3199, a β_2 adrenergic receptor agonist, is used potentially for the treatment of asthma and chronic obstructive.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7278 mL	8.639 mL	17.278 mL
5 mM	0.3456 mL	1.7278 mL	3.4556 mL
10 mM	0.1728 mL	0.8639 mL	1.7278 mL
50 mM	0.0346 mL	0.1728 mL	0.3456 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

Bjermer L, Kuna P, Jorup C, Bengtsson T, Rosenborg J. Clinical pharmacokinetics of AZD3199, an inhaled ultra-long-acting β_2 -adrenoreceptor agonist (uLABA). Drug Des Devel Ther. 2015 Feb 5;9:753-62. doi: 10.2147/DDDT.S66049. PubMed PMID: 25709399; PubMed Central PMCID: PMC4330041.

Bjermer L, Rosenborg J, Bengtsson T, Lötvall J. Comparison of the bronchodilator and systemic effects of AZD3199, an inhaled ultra-long-acting β_2 -adrenoreceptor agonist, with formoterol in patients with asthma. Ther Adv Respir Dis. 2013 Oct;7(5):264-71. doi: 10.1177/1753465813497527. PubMed PMID: 23907810.

Kuna P, Ivanov Y, Trofimov VI, Saito T, Beckman O, Bengtsson T, Jorup C, Maltais F. Efficacy and safety of AZD3199 vs formoterol in COPD: a randomized, double-blind study. Respir Res. 2013 Jun 3;14:64. doi: 10.1186/1465-9921-14-64. PubMed PMID: 23731768; PubMed Central PMCID: PMC3691744.

Norman P. Which of three structures is AZD-3199? WO-2008104790, WO-2008096112 and WO-2008096119. Expert Opin Ther Pat. 2009 Aug;19(8):1157-63. doi: 10.1517/13543770902815527. PubMed PMID: 19563269.

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