

Abediterol napadisylate

Chemical Properties

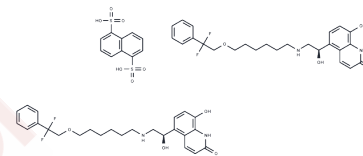
CAS No. : 1044516-17-7

Formula: C₆₀H₆₈F₄N₄O₁₄S₂

Molecular Weight: 1209.32

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	Abediterol napadisylate is a novel long-acting β 2-agonist in persistent asthma that is efficacy, safe, and tolerable.
Targets(IC50)	Others,Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8269 mL	4.1346 mL	8.2691 mL
5 mM	0.1654 mL	0.8269 mL	1.6538 mL
10 mM	0.0827 mL	0.4135 mL	0.8269 mL
50 mM	0.0165 mL	0.0827 mL	0.1654 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

Beier J, Fuhr R, Massana E, Jiménez E, Seoane B, de Miquel G, Ruiz S. Abediterol (LAS100977), a novel long-acting β 2-agonist: efficacy, safety and tolerability in persistent asthma. *Respir Med*. 2014 Oct;108(10):1424-9. doi: 10.1016/j.rmed.2014.08.005. Epub 2014 Sep 8. PubMed PMID: 25256258.

Singh D, Pujol H, Ribera A, Seoane B, Massana E, Astbury C, Ruiz S, de Miquel G. A dose-ranging study of the bronchodilator effects of abediterol (LAS100977), a long-acting β 2-adrenergic agonist, in asthma; a Phase II, randomized study. *BMC Pulm Med*. 2014 Nov 14;14:176. doi: 10.1186/1471-2466-14-176. PubMed PMID: 25398689; PubMed Central PMCID: PMC4320624.

Beier J, Pujol H, Seoane B, Jimenez E, Astbury C, Massana E, Ruiz S, de Miquel G. Abediterol, a novel long-acting β 2-agonist: bronchodilation, safety, tolerability and pharmacokinetic results from a single-dose, dose-ranging, active-comparator study in patients with COPD. *BMC Pulm Med*. 2016 Jul 20;16(1):102. doi: 10.1186/s12890-016-0266-5. PubMed PMID: 27439370; PubMed Central PMCID: PMC4955259.

Timmer W, Massana E, Jimenez E, Seoane B, de Miquel G, Ruiz S. First-in-human study of the safety, tolerability, pharmacokinetics and pharmacodynamics of abediterol (LAS100977), a novel long-acting B2 -agonist. *J Clin Pharmacol*. 2014 Dec;54(12):1347-53. doi: 10.1002/jcph.355. Epub 2014 Jul 8. PubMed PMID: 24989946.

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