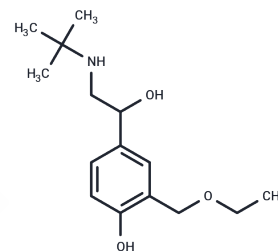


BIIK-0277

Chemical Properties

CAS No. : 754926-25-5
 Formula: C₁₅H₂₅NO₃
 Molecular Weight: 267.36
 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	BIIK-0277 (Levalbuterol Related Compound E) is a β 2-adrenoceptor agonist, bronchodilator, and tocolytic.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7403 mL	18.7014 mL	37.4028 mL
5 mM	0.7481 mL	3.7403 mL	7.4806 mL
10 mM	0.374 mL	1.8701 mL	3.7403 mL
50 mM	0.0748 mL	0.374 mL	0.7481 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

- SHELLENBERGER MK, ELDER JT. O-METHOXY-BETA-PHENYLISOPROPYL-METHYL BENZYLAMINE (U-0277): A POTENT QUINIDINE-LIKE DRUG IN VITRO. Arch Int Pharmacodyn Ther. 1964 Sep 1;151:51-9. PubMed PMID: 14205427.
- Hmidet N, Nawani N, Ghorbel S. Recent development in production and biotechnological application of microbial enzymes. Biomed Res Int. 2015;2015:280518. doi: 10.1155/2015/280518. Epub 2015 Mar 2. PubMed PMID: 25821792; PubMed Central PMCID: PMC4363536.
- Abiega O, Beccari S, Diaz-Aparicio I, et al. Neuronal Hyperactivity Disturbs ATP Microgradients, Impairs Microglial Motility, and Reduces Phagocytic Receptor Expression Triggering Apoptosis/Microglial Phagocytosis Uncoupling. PLoS Biol. 2016 May 26;14(5):e1002466. doi: 10.1371/journal.pbio.1002466. eCollection 2016 May. Erratum in: PLoS Biol. 2016 Jun;14(6):e1002508. PLoS Biol. 2016 Sep;14(9):e1002554. PubMed PMID: 27228556; PubMed Central PMCID: PMC4881984.
- Gerude Neto OJ, Parente MO, Parente HN, Alves AA, Dos Santos PA, Moreira Filho MA, Zanine AM, Ferreira DJ, Bezerra LR, Gomes RM. Intake, Nutrient Apparent Digestibility, and Ruminant Constituents of Crossbred Dorper x Santa Inês Sheep Fed Diets with Babassu Mesocarp Flour. ScientificWorldJournal. 2016;2016:8675836. Epub 2016 Nov 13. PubMed PMID: 27957525; PubMed Central PMCID: PMC5124479.

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