

Procaterol-D7

Chemical Properties

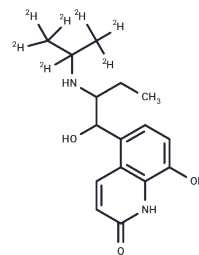
CAS No. :

Formula: C₁₆H₁₅D₇N₂O₃

Molecular Weight: 297.4

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

Procaterol-D7 is a deuterated compound of Procaterol. Procaterol (T19683) has a CAS number of 81262-93-3. Short-acting β 2-adrenergic receptor agonist used to treat asthma.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3625 mL	16.8124 mL	33.6247 mL
5 mM	0.6725 mL	3.3625 mL	6.7249 mL
10 mM	0.3362 mL	1.6812 mL	3.3625 mL
50 mM	0.0672 mL	0.3362 mL	0.6725 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

- Gohil VM, et al. Nutrient-sensitized screening for drugs that shift energy metabolism from mitochondrial respiration to glycolysis. Nat Biotechnol. 2010 Mar;28(3):249-55.

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