

Beclomethasone-17-Monopropionate-D3

Chemical Properties

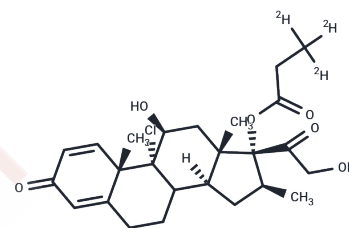
CAS No. :

Formula: C₂₅H₃₀D₃ClO₆

Molecular Weight: 468

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

Beclomethasone-17-Monopropionate-D3 is a deuterated compound of Beclomethasone-17-Monopropionate. Beclomethasone-17-Monopropionate has a CAS number of 5534-18-9. Beclomethasone 17-propionate is an active metabolite of Beclomethasone dipropionate and an agonist of the glucocorticoid receptor (GR). It exhibits greater affinity for GR than Beclomethasone dipropionate. Beclomethasone 17-propionate effectively suppresses cytokine production in COPD lung macrophages.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1368 mL	10.6838 mL	21.3675 mL
5 mM	0.4274 mL	2.1368 mL	4.2735 mL
10 mM	0.2137 mL	1.0684 mL	2.1368 mL
50 mM	0.0427 mL	0.2137 mL	0.4274 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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