

Fluticasone Furoate-D3

Chemical Properties

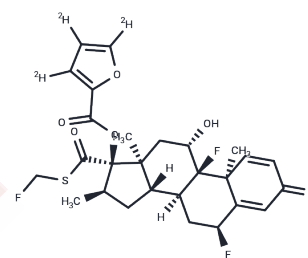
CAS No. :

Formula: C₂₇H₂₆D₃F₃O₆S

Molecular Weight: 541.59

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

Fluticasone Furoate-D3 is a deuterated compound of Fluticasone Furoate. Fluticasone Furoate (T21404) has a CAS number of 397864-44-7. Fluticasone furoate is a synthetic trifluorinated corticosteroid derived from fluticasone with a K_d of 0.3 nM. Fluticasone furoate has potent anti-inflammatory, anti-asthmatic activity, and low systemic exposure. Fluticasone furoate can be used as a nasal spray for studies about allergic rhinitis treatment.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8464 mL	9.2321 mL	18.4642 mL
5 mM	0.3693 mL	1.8464 mL	3.6928 mL
10 mM	0.1846 mL	0.9232 mL	1.8464 mL
50 mM	0.0369 mL	0.1846 mL	0.3693 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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