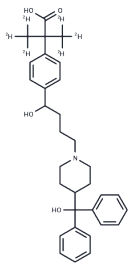
Data Sheet (Cat.No.T11276)

TargetMol

Fexofenadine-D6

Chemical Properties



CAS No. : 548783-71-7

Formula: C32H39NO4

Molecular Weight: 507.69

Storage: Store at low temperature
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	Fexofenadine-D6 is the deuterium substituent of Fexofenadine (T21390) and can be used as an internal standard for the determination of non-sofenadine concentrations in human plasma.
Targets(IC50)	Histamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9697 mL	9.8485 mL	19.6971 mL
5 mM	0.3939 mL	1.9697 mL	3.9394 mL
10 mM	0.197 mL	0.9849 mL	1.9697 mL
50 mM	0.0394 mL	0.197 mL	0.3939 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

Park IH, et al. Histamine Promotes the Release of Interleukin-6 via the H1R/p38 and NF-κB Pathways in Nasal Fibroblasts. Allergy Asthma Immunol Res. 2014 Nov;6(6):567-72.

Watanabe N, et al. The effects of fexofenadine on eosinophilia and systemic anaphylaxis in mice infected with Trichinella spiralis. Int Immunopharmacol. 2004 Mar;4(3):367-75.

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