

## Fosaprepitant-D4 Dimeglumine

## Chemical Properties

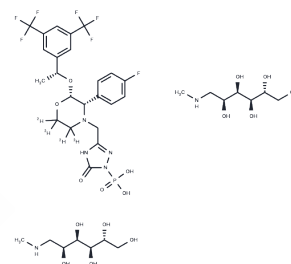
CAS No. :

Formula: C37H52D4F7N6O16P

Molecular Weight: 1008.86

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

Fosaprepitant-D4 Dimeglumine is a deuterated compound of Fosaprepitant Dimeglumine. Fosaprepitant Dimeglumine (T1790) has a CAS number of 265121-04-8. Fosaprepitant Dimeglumine (T1790) is the dimeglumine salt form of fosaprepitant, the water-soluble, N-phosphorylated prodrug of aprepitant, with antiemetic activity. Upon intravenous administration and rapid conversion to aprepitant, this agent binds selectively to the human substance P/neurokinin 1 (NK1) receptors in the central nervous system (CNS). This inhibits receptor binding of the endogenous substance P and prevents substance P-induced emesis.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9912 mL	4.9561 mL	9.9122 mL
5 mM	0.1982 mL	0.9912 mL	1.9824 mL
10 mM	0.0991 mL	0.4956 mL	0.9912 mL
50 mM	0.0198 mL	0.0991 mL	0.1982 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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