

## Farnesyl pyrophosphate-D2

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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	Farnesyl pyrophosphate-D2 is the deuterium-labeled version of Farnesyl pyrophosphate (T73755) triammonium. This compound, also known as Farnesyl pyrophosphate (T73755) ammonium salt, is a 15-carbon isoprenoid and a metabolic intermediate in the mevalonate (MVA) pathway. It acts as an agonist of TRPM2 (TRP Channel), enabling the channel to open and allowing ion flow into cells. Additionally, Farnesyl pyrophosphate (T73755) ammonium salt serves as a crucial branching substrate for cholesterol synthesis, ubiquinone synthesis, protein prenylation, and the synthesis of geranylgeranyl pyrophosphate (GGPP).
Targets(IC50)	Others,TRP/TRPV Channel

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