Data Sheet (Cat.No.TMID-0706)

TargetMol

Taurodeoxycholic acid-D5

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	Taurodeoxycholic acid-D5 is a deuterium-labeled form of Taurodeoxycholic acid (T75319). This bile acid helps stabilize mitochondrial membranes and decreases the formation of free radicals. It inhibits apoptosis by blocking calcium-mediated pathways and the activation of caspase-12. Additionally, taurodeoxycholic acid exhibits neuroprotective effects in both 3-nitropropionic acid-induced and genetic mouse models of Huntington's disease (HD).
Targets(IC50)	Apoptosis,Endogenous Metabolite

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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