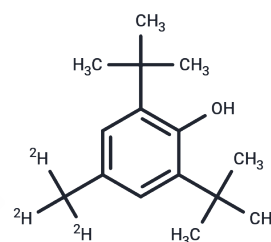


Butylated hydroxytoluene-D3

Chemical Properties

CAS No. :	86819-59-2
Formula:	C ₁₅ H ₂₄ O
Molecular Weight:	223.37
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	Butylated hydroxytoluene-D3 is the deuterated form of Butylated hydroxytoluene (TMSM-0618), an antioxidant commonly used in food and related products. It also acts as a Ferroptosis inhibitor.
Targets(IC50)	Ferroptosis, Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4769 mL	22.3844 mL	44.7688 mL
5 mM	0.8954 mL	4.4769 mL	8.9538 mL
10 mM	0.4477 mL	2.2384 mL	4.4769 mL
50 mM	0.0895 mL	0.4477 mL	0.8954 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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