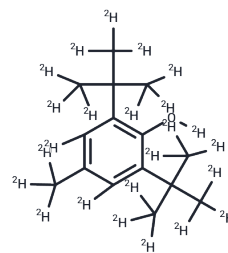


## Butylated hydroxytoluene-D24

## Chemical Properties

CAS No. :	1219805-92-1
Formula:	C <sub>15</sub> H <sub>24</sub> O
Molecular Weight:	244.50
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-D24 is the deuterated form of Butylated hydroxytoluene, a widely used antioxidant in food and related products. Additionally, Butylated hydroxytoluene (T0935) acts as an inhibitor of ferroptosis (Ferroptosis).
Targets(IC50)	Ferroptosis, Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.090 mL	20.4499 mL	40.8998 mL
5 mM	0.818 mL	4.090 mL	8.180 mL
10 mM	0.409 mL	2.045 mL	4.090 mL
50 mM	0.0818 mL	0.409 mL	0.818 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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