

## Spermidine-D8

## Chemical Properties

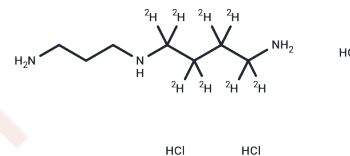
CAS No. : 1173019-26-5

Formula: C7H22Cl3N3

Molecular Weight: 262.68

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	Spermidine-D8 is the deuterated form of Spermidine (T4893) trihydrochloride. Spermidine (T4893) hydrochloride helps maintain cell membrane stability, enhances the activity of antioxidant enzymes, and improves photosystem II (PSII) and related gene expression. It also significantly reduces the levels of H2O2 and O2.-.
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8069 mL	19.0346 mL	38.0691 mL
5 mM	0.7614 mL	3.8069 mL	7.6138 mL
10 mM	0.3807 mL	1.9035 mL	3.8069 mL
50 mM	0.0761 mL	0.3807 mL	0.7614 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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