

## Bisdsmethoxy Curcumin-D8

### Chemical Properties

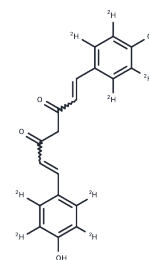
CAS No. :

Formula: C<sub>19</sub>H<sub>8</sub>D<sub>8</sub>O<sub>4</sub>

Molecular Weight: 316.38

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	Bisdsmethoxy Curcumin-D8 is a deuterated compound of Bisdsmethoxy Curcumin. Bisdsmethoxy Curcumin has a CAS number of 33171-05-0. Bisdsmethoxycurcumin (BDMC) is a natural demethoxy derivative of curcumin, with anti-inflammatory and anti-cancer activities.
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1608 mL	15.8038 mL	31.6076 mL
5 mM	0.6322 mL	3.1608 mL	6.3215 mL
10 mM	0.3161 mL	1.5804 mL	3.1608 mL
50 mM	0.0632 mL	0.3161 mL	0.6322 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.

### Reference

- Ramezani M , Hatamipour M , Sahebkar A . Promising Anti-tumor properties of Bisdsmethoxycurcumin: A Naturally Occurring Curcumin Analogue[J]. Journal of Cellular Physiology, 2017.

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