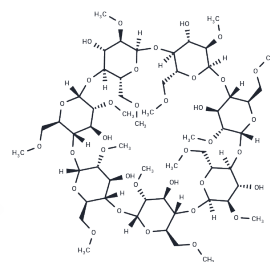


DM- β -CD

Chemical Properties

CAS No. :	51166-71-3
Formula:	C ₅₆ H ₉₈ O ₃₅
Molecular Weight:	1331.3563
Storage:	Powder: -20°C for 3 years Actual storage temperature shall be subject to the COA.



Biological Description

Description	DM- β -CD (2,6-Di-O-methyl- β -cyclodextrin) is a cyclic molecule composed of seven glucose units, modified with two methyl groups at the 2 and 6 positions. It is commonly utilized as a solubilizer and carrier for poorly soluble drugs in pharmaceutical formulations. Additionally, its ability to form inclusion complexes with various guest molecules—such as aromatic compounds, pesticides, and heavy metals—makes it valuable in analytical chemistry, food science, and environmental remediation.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7511 mL	3.7556 mL	7.5111 mL
5 mM	0.1502 mL	0.7511 mL	1.5022 mL
10 mM	0.0751 mL	0.3756 mL	0.7511 mL
50 mM	0.015 mL	0.0751 mL	0.1502 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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