

SH-BC-893

## Chemical Properties

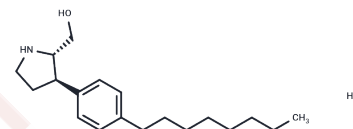
CAS No. : 1841409-92-4

Formula: C<sub>19</sub>H<sub>32</sub>ClNO

Molecular Weight: 325.92

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	SH-BC-893, an orally active sphingolipid analog with anti-neoplastic properties, offers protection against ceramide-induced mitochondrial dysfunction and mitigates diet-induced obesity. This compound is utilized in the research of cancer and obesity.
Targets(IC50)	Others, Mitochondrial Metabolism

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0682 mL	15.3412 mL	30.6824 mL
5 mM	0.6136 mL	3.0682 mL	6.1365 mL
10 mM	0.3068 mL	1.5341 mL	3.0682 mL
50 mM	0.0614 mL	0.3068 mL	0.6136 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.

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