

## GBM CSCs-IN-1

## Chemical Properties

CAS No. :

Formula: C<sub>28</sub>H<sub>29</sub>BrN<sub>2</sub>O<sub>8</sub>S

Molecular Weight: 633.51

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	GBM CSCs-IN-1 (Compound (-)-20), a rocaglate derivative, potently inhibits glioblastoma stem cells (GBM CSCs) and exhibits an EC <sub>50</sub> of 45 nM by targeting the RNA helicase DDX3. Additionally, it induces apoptosis in these cells.
Targets(IC <sub>50</sub> )	Apoptosis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5785 mL	7.8925 mL	15.7851 mL
5 mM	0.3157 mL	1.5785 mL	3.157 mL
10 mM	0.1579 mL	0.7893 mL	1.5785 mL
50 mM	0.0316 mL	0.1579 mL	0.3157 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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