

GL392

## Chemical Properties

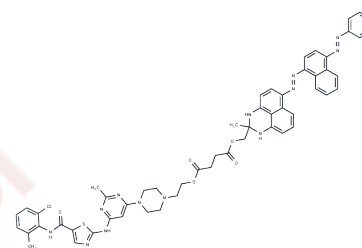
CAS No. :

Formula: C55H52ClN13O5S

Molecular Weight: 1042.6

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	GL392 is a senolytic agent that delivers the potent senescence-clearing compound Dasatinib specifically to senescent cells. By targeting the LBD domain, it binds lipofuscin in these cells and releases Dasatinib via an ester linkage, inducing apoptosis (Apoptosis) in senescent cells. Additionally, GL392 is encapsulated in PEO-b-PCL microcapsules to ensure efficient intracellular delivery while minimizing systemic toxicity. GL392 is applicable in cancer research.
Targets(IC50)	Apoptosis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9591 mL	4.7957 mL	9.5914 mL
5 mM	0.1918 mL	0.9591 mL	1.9183 mL
10 mM	0.0959 mL	0.4796 mL	0.9591 mL
50 mM	0.0192 mL	0.0959 mL	0.1918 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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