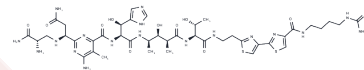


Deglycobleomycin

Chemical Properties

CAS No. :	78314-57-5
Formula:	C42H63N19O10S2
Molecular Weight:	1058.20
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	Deglycobleomycin is an RNA cleaving agent that targets r(CUG) repeat sequences. By binding with small molecules that recognize r(CUG)exp, Deglycobleomycin can selectively cleave r(CUG)exp. Its efficiency in cleaving DNA is considerably lower than that of Bleomycin A5(Pingyangmycin), but it exhibits enhanced selectivity for r(CUG)exp. Deglycobleomycin is useful for research on diseases associated with r(CUG) repeat expansions, such as myotonic dystrophy type 1, and the development of drugs aimed at precise targeting and cleavage of pathogenic RNA.
Targets(IC50)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.945 mL	4.725 mL	9.450 mL
5 mM	0.189 mL	0.945 mL	1.890 mL
10 mM	0.0945 mL	0.4725 mL	0.945 mL
50 mM	0.0189 mL	0.0945 mL	0.189 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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