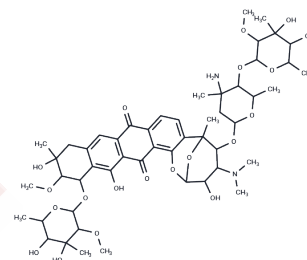


## Respinomycin A1

## Chemical Properties

CAS No. :	138843-19-3
Formula:	C <sub>51</sub> H <sub>72</sub> N <sub>2</sub> O <sub>20</sub>
Molecular Weight:	1033.12
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	Respinomycin A1 is an antibiotic found in the Streptomyces sp. RK-483 strain. It has the capability to induce differentiation in leukemia K-562 cells.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9679 mL	4.8397 mL	9.6794 mL
5 mM	0.1936 mL	0.9679 mL	1.9359 mL
10 mM	0.0968 mL	0.484 mL	0.9679 mL
50 mM	0.0194 mL	0.0968 mL	0.1936 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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