

Aristolochic acid A sodium

Chemical Properties

CAS No. :	10190-99-5
Formula:	C ₁₇ H ₁₀ NNaO ₇
Molecular Weight:	363.25
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	Sodium aristolate 1, also known as aristolochic acid sodium salt, is found in certain Chinese herbal medicines and causes nephrotoxicity. This proagent becomes active when its nitro groups are reduced to amines, which subsequently leads to the production of cytotoxic DNA adducts.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7529 mL	13.7646 mL	27.5292 mL
5 mM	0.5506 mL	2.7529 mL	5.5058 mL
10 mM	0.2753 mL	1.3765 mL	2.7529 mL
50 mM	0.0551 mL	0.2753 mL	0.5506 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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