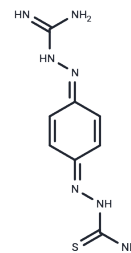


Ambazone

Chemical Properties

CAS No. :	539-21-9
Formula:	C ₈ H ₁₁ N ₇ S
Molecular Weight:	237.28
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	Ambazone (Primal) was found to be active against various transplantable tumors in mice as well as rats.
Targets(IC50)	Others,Antibacterial

Solubility Information

Solubility	DMSO: 10 mg/mL (42.14 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL (4.21 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2144 mL	21.0722 mL	42.1443 mL
5 mM	0.8429 mL	4.2144 mL	8.4289 mL
10 mM	0.4214 mL	2.1072 mL	4.2144 mL
50 mM	0.0843 mL	0.4214 mL	0.8429 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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