

Tranexamic acid

Chemical Properties

CAS No. :	1197-18-8
Formula:	C ₈ H ₁₅ NO ₂
Molecular Weight:	157.21
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	Tranexamic acid (Amstat) is an Antifibrinolytic Agent. The physiologic effect of tranexamic acid is by means of Decreased Fibrinolysis.
Targets(IC50)	MMP,Mitophagy,Others,AMPK,IGF-1R,PROTAC Linker

Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble or slightly soluble) H ₂ O: 83.33 mg/mL (530.06 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.3609 mL	31.8046 mL	63.6092 mL
5 mM	1.2722 mL	6.3609 mL	12.7218 mL
10 mM	0.6361 mL	3.1805 mL	6.3609 mL
50 mM	0.1272 mL	0.6361 mL	1.2722 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.

Reference

Dunn CJ, Goa KL. Drugs. 1999 Jun, 57(6):1005-32.

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