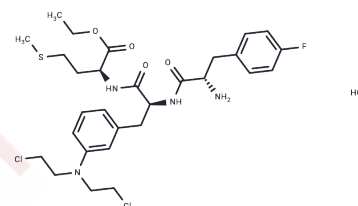


Ambamustine HCl

Chemical Properties

CAS No. : 83996-50-3
 Formula: C₂₉H₄₀Cl₃FN₄O₄S
 Molecular Weight: 666.08
 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	Ambamustine HCl is a novel tripeptide anticancer.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5013 mL	7.5066 mL	15.0132 mL
5 mM	0.3003 mL	1.5013 mL	3.0026 mL
10 mM	0.1501 mL	0.7507 mL	1.5013 mL
50 mM	0.030 mL	0.1501 mL	0.3003 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

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- Manna A, Porcellini A, Visani G, Marchetti-Rossi MT, Tura S. Limiting dilution analysis of a novel tripeptide anticancer agent Ambamustine (PTT-119): effect on K-562, CCRF-SB and multidrug resistant LoVo-Dk cell lines. *Exp Hematol.* 1994 Jun;22(6):517-20. PubMed PMID: 8187848.
- Ambamustine. PTT119. *Drugs R D.* 2003;4(2):119-21. PubMed PMID: 12718568.
- Mattii L, Barale R, Petrini M. Use of the comet test in the evaluation of multidrug resistance of human cell lines. *Leukemia.* 1998 Apr;12(4):627-32. PubMed PMID: 9557624.

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