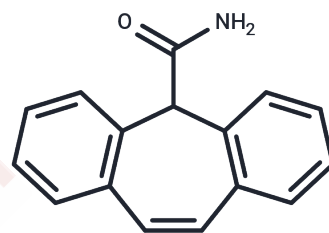


Citenamide

Chemical Properties

CAS No. :	10423-37-7
Formula:	C ₁₆ H ₁₃ NO
Molecular Weight:	235.28
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	Citenamide (AY-15613) has anticancer and anticonvulsant activity and is used in the study of neurological disorders because of its sleep-promoting properties.
Targets(IC50)	Others
In vivo	Citenamide(Cytenamide)administered intraperitoneally to rats is biotransformed to cytenamide-10,11-epoxide and 10,11-dihydro-10,11-dihydroxycytenamide[2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2503 mL	21.2513 mL	42.5026 mL
5 mM	0.8501 mL	4.2503 mL	8.5005 mL
10 mM	0.425 mL	2.1251 mL	4.2503 mL
50 mM	0.085 mL	0.425 mL	0.8501 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

Johnston A, et al. Cytenamide-formic acid (1/1). Acta Crystallogr Sect E Struct Rep Online. 2008 Jul 5;64(Pt 8): o1379-80.

Frigerio A, et al. Epoxide-diol metabolic pathway of cytenamide in the rat. J Chromatogr. 1977 Apr 11;134(2):299-305.

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