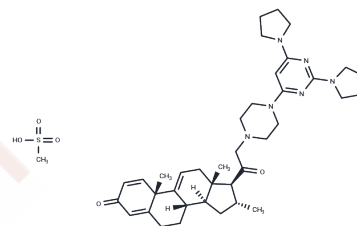


Tirilazad mesylate

Chemical Properties

CAS No. :	110101-67-2
Formula:	C39H56N6O5S
Molecular Weight:	720.96
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	Tirilazad mesylate (U 74006F) is a non-glucocorticoid, lipid peroxidation inhibitor with antiviral and neuroprotective activities. It confines intracellular intramembranous foci, attenuates spinal cord injuries induced by trauma, stroke, and ischemia/reperfusion injuries, inhibits toxins in dogs, and is used in the study of neurological disorders.
Targets(IC50)	Antiviral,Antibiotic

Solubility Information

Solubility	DMSO: 33.33 mg/mL (46.23 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	1.387 mL	6.9352 mL	13.8704 mL
5 mM	0.2774 mL	1.387 mL	2.7741 mL
10 mM	0.1387 mL	0.6935 mL	1.387 mL
50 mM	0.0277 mL	0.1387 mL	0.2774 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

- Tirilazad mesylate in acute ischemic stroke: A systematic review. Tirilazad International Steering Committee. Stroke. 2000 Sep;31(9):2257-65.
- Zhang S, et al. Tirilazad for aneurysmal subarachnoid haemorrhage. Cochrane Database Syst Rev. 2010 Feb 17; (2):CD006778.
- Bath PM, et al. Tirilazad for acute ischaemic stroke. Cochrane Database Syst Rev. 2001;(4):CD002087.
- Jang YG, Ilodigwe D, Macdonald RL. Metaanalysis of tirilazad mesylate in patients with aneurysmal subarachnoid hemorrhage. Neurocrit Care. 2009;10(1):141-7. doi: 10.1007/s12028-008-9147-y. Epub 2008 Sep 23. PubMed PMID: 18810661.

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