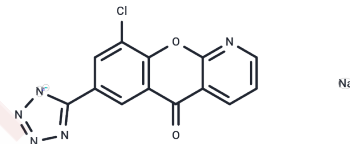


Traxanox sodium

Chemical Properties

CAS No. :	70502-82-8
Formula:	C ₁₃ H ₅ ClN ₅ NaO ₂
Molecular Weight:	321.65
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	Traxanox sodium is an orally available diuretic. Traxanox sodium enhances phagocytosis of yeast granules by mouse peritoneal macrophages or rat peritoneal polymorphonuclear leukocytes in vitro. Traxanox sodium restores inhibition of antibody production in BALB/c mice. Traxanox sodium is also effective in restoring antibody production in BALB/c mice. Traxanox sodium has been shown to enhance phagocytosis in BALB/c mice.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.109 mL	15.5448 mL	31.0897 mL
5 mM	0.6218 mL	3.109 mL	6.2179 mL
10 mM	0.3109 mL	1.5545 mL	3.109 mL
50 mM	0.0622 mL	0.3109 mL	0.6218 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

- Fujimura A, Ebihara A, Hino N, Koike Y. Effects of traxanox sodium on blood pressure and serum uric acid in hypertensive patients: a preliminary study. *J Clin Pharmacol*. 1989 Apr;29(4):327-30. PubMed PMID: 2723121.
- Hisadome M, Terasawa M, Goto K, Kawazoe Y, Okumoto T. Stimulation of phagocytic activity of leukocytes and macrophages by traxanox sodium in mice and rats. *Jpn J Pharmacol*. 1989 Feb;49(2):275-84. PubMed PMID: 2733265.
- Terasawa M, Tomomatsu N, Maruyama Y. [Effects of traxanox sodium on experimental nasal allergy]. *Nihon Yakurigaku Zasshi*. 1988 Jul;92(1):11-6. Japanese. PubMed PMID: 3220322.
- Ebihara A, Tsuru M, Ohashi K, Fujimura A, Kondo K. Diuretic and uricosuric effects of traxanox sodium in healthy subjects. Single dose study. *Arzneimittelforschung*. 1987 Dec;37(12):1388-91. PubMed PMID: 3329516.

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