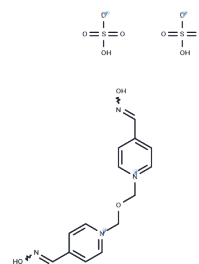


Obidoxime sulfate

Chemical Properties

CAS No. :	73840-43-4
Formula:	C ₁₄ H ₁₈ N ₄ O ₁₁ S ₂
Molecular Weight:	482.44
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	Obidoxime sulfate is an agricultural chemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0728 mL	10.364 mL	20.728 mL
5 mM	0.4146 mL	2.0728 mL	4.1456 mL
10 mM	0.2073 mL	1.0364 mL	2.0728 mL
50 mM	0.0415 mL	0.2073 mL	0.4146 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

- Joosen MJA, Klaassen SD, Verheij E, van Groningen T, Cornelissen AS, Skiadopoulos MH, Cochrane L, Shearer JD. Efficacy of atropine sulfate/obidoxime chloride co-formulation against sarin exposure in guinea pigs. *Chem Biol Interact.* 2018 Sep 12;296:34-42. doi: 10.1016/j.cbi.2018.09.004. [Epub ahead of print] PubMed PMID: 30217478.
- Ettehadi HA, Ghalandari R, Shafaati A, Foroutan SM. Development of a combined solution formulation of atropine sulfate and obidoxime chloride for autoinjector and evaluation of its stability. *Iran J Pharm Res.* 2013 Winter;12 (Suppl):31-6. PubMed PMID: 24250669; PubMed Central PMCID: PMC3813366.
- Sharma R, Gupta PK, Mazumder A, Dubey DK, Ganesan K, Vijayaraghavan R. A quantitative NMR protocol for the simultaneous analysis of atropine and obidoxime in parenteral injection devices. *J Pharm Biomed Anal.* 2009 May 1;49(4):1092-6. doi: 10.1016/j.jpba.2009.01.035. Epub 2009 Feb 6. PubMed PMID: 19299099.
- Pajoumand A, Shadnia S, Rezaie A, Abdi M, Abdollahi M. Benefits of magnesium sulfate in the management of acute human poisoning by organophosphorus insecticides. *Hum Exp Toxicol.* 2004 Dec;23(12):565-9. PubMed PMID: 15688984.

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