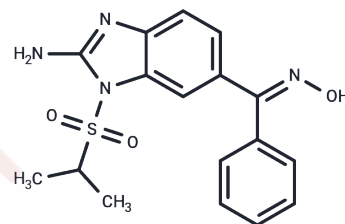


Enviroxime

Chemical Properties

CAS No. :	72301-79-2
Formula:	C ₁₇ H ₁₈ N ₄ O ₃ S
Molecular Weight:	358.41
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	Enviroxime(LY 122772, NSC 346230) is an anti-infective and anti-disease agent. Enviroxime targets the 3A coding region of rhinovirus and poliovirus.
Targets(IC50)	Others,Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7901 mL	13.9505 mL	27.901 mL
5 mM	0.558 mL	2.7901 mL	5.5802 mL
10 mM	0.279 mL	1.3951 mL	2.7901 mL
50 mM	0.0558 mL	0.279 mL	0.558 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

- Arita M, Kojima H, Nagano T, Okabe T, Wakita T, Shimizu H. Oxysterol-binding protein family I is the target of minor enviroxime-like compounds. *J Virol.* 2013 Apr;87(8):4252-60. doi: 10.1128/JVI.03546-12. Epub 2013 Jan 30. PubMed PMID: 23365445; PubMed Central PMCID: PMC3624399.
- Arita M, Kojima H, Nagano T, Okabe T, Wakita T, Shimizu H. Phosphatidylinositol 4-kinase III beta is a target of enviroxime-like compounds for antipoliovirus activity. *J Virol.* 2011 Mar;85(5):2364-72. doi: 10.1128/JVI.02249-10. Epub 2010 Dec 22. PubMed PMID: 21177810; PubMed Central PMCID: PMC3067798.
- Arita M, Wakita T, Shimizu H. Cellular kinase inhibitors that suppress enterovirus replication have a conserved target in viral protein 3A similar to that of enviroxime. *J Gen Virol.* 2009 Aug;90(Pt 8):1869-79. doi: 10.1099/vir.0.012096-0. Epub 2009 May 13. PubMed PMID: 19439558.
- Nikolaeva L, Galabov AS. Antiviral effect of the combination of enviroxime and disoxaril on coxsackievirus B1 infection. *Acta Virol.* 2000 Apr;44(2):73-8. PubMed PMID: 10989697.

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