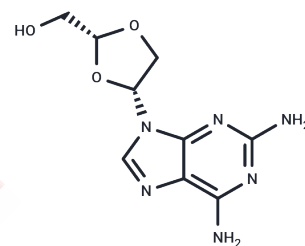


Amdoxovir

Chemical Properties

CAS No. :	145514-04-1
Formula:	C ₉ H ₁₂ N ₆ O ₃
Molecular Weight:	252.23
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	Amdoxovir is a reverse transcriptase inhibitor.
Targets(IC50)	Others,HIV Protease,Reverse Transcriptase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9646 mL	19.8232 mL	39.6464 mL
5 mM	0.7929 mL	3.9646 mL	7.9293 mL
10 mM	0.3965 mL	1.9823 mL	3.9646 mL
50 mM	0.0793 mL	0.3965 mL	0.7929 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

- Murphy RL, Kivel NM, Zala C, Ochoa C, Tharnish P, Mathew J, Pascual ML, Schinazi RF. Antiviral activity and tolerability of amdoxovir with zidovudine in a randomized double-blind placebo-controlled study in HIV-1-infected individuals. *Antivir Ther.* 2010;15(2):185-92. doi: 10.3851/IMP1514. PubMed PMID: 20386073.
- Fromentin E, Asif G, Obikhod A, Hurwitz SJ, Schinazi RF. Simultaneous quantification of 9-(beta-D-1,3-dioxolan-4-yl)guanine, Amdoxovir and Zidovudine in human plasma by liquid chromatography-tandem mass spectrometric assay. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2009 Nov 1;877(29):3482-8. doi: 10.1016/j.jchromb.2009.08.030. PubMed PMID: 19740712; PubMed Central PMCID: PMC2769996.
- Hurwitz SJ, Asif G, Fromentin E, Tharnish PM, Schinazi RF. Lack of pharmacokinetic interaction between amdoxovir and reduced- and standard-dose zidovudine in HIV-1-infected individuals. *Antimicrob Agents Chemother.* 2010 Mar;54(3):1248-55. doi: 10.1128/AAC.01209-09. PubMed PMID: 20038617; PubMed Central PMCID: PMC2826005.
- Borroto-Esoda K, Myrick F, Feng J, Jeffrey J, Furman P. In vitro combination of amdoxovir and the inosine monophosphate dehydrogenase inhibitors mycophenolic acid and ribavirin demonstrates potent activity against wild-type and drug-resistant variants of human immunodeficiency virus type 1. *Antimicrob Agents Chemother.* 2004 Nov;48(11):4387-94. PubMed PMID: 15504868; PubMed Central PMCID: PMC525453.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481