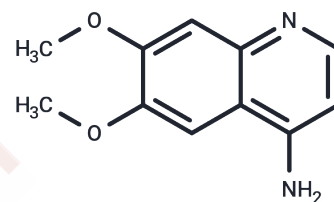


Amiquinsin

Chemical Properties

CAS No. :	13425-92-8
Formula:	C ₁₁ H ₁₂ N ₂ O ₂
Molecular Weight:	204.23
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	Amiquinsin is a drug with hypotensive effect.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8964 mL	24.4822 mL	48.9644 mL
5 mM	0.9793 mL	4.8964 mL	9.7929 mL
10 mM	0.4896 mL	2.4482 mL	4.8964 mL
50 mM	0.0979 mL	0.4896 mL	0.9793 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

Wright GC, Herrett RJ, Heotis JP, Butterfield JL. Isolation, identification, and synthesis of 4-amino-6,7-dimethoxy-3-quinolinol, the major metabolite of amiquinsin hydrochloride in rats and humans. J Pharm Sci. 1980 Jul;69(7):842-5. PubMed PMID: 7391952.

Conklin JD, Hollifield RD. Studies on the absorption, distribution, and elimination of amiquinsin hydrochloride, a hypotensive drug. Eur J Pharmacol. 1970;10(3):360-8. PubMed PMID: 5463588.

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