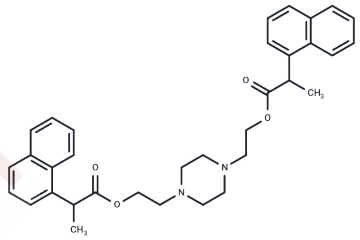
Data Sheet (Cat.No.T24517)

TargetMol

Nafiverine

Chemical Properties



CAS No. : 5061-22-3

Formula: C34H38N2O4

Molecular Weight: 538.68

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	Nafiverine is a new antispasmodic. The effectiveness of an intramuscular administration of nafiverine was comparable to that of an intravenous administration.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8564 mL	9.2819 mL	18.5639 mL
5 mM	0.3713 mL	1.8564 mL	3.7128 mL
10 mM	0.1856 mL	0.9282 mL	1.8564 mL
50 mM	0.0371 mL	0.1856 mL	0.3713 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

Naito S, Yamamoto T. Stability, absorption, excretion, and distribution of nafiverine. J Pharm Sci. 1975 Feb;64(2): 253-8. PubMed PMID: 1127581.

Ramu A, Ramu N. Reversal of multidrug resistance by bis(phenylalkyl)amines and structurally related compounds. Cancer Chemother Pharmacol. 1994;34(5):423-30. PubMed PMID: 8070010.

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