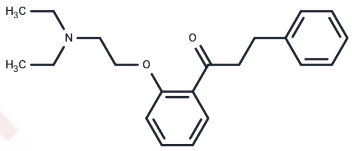
Data Sheet (Cat.No.T31685L)

TargetMol

Etafenone

Chemical Properties



CAS No. : 90-54-0

Formula: C21H27NO2

Molecular Weight: 325.44

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	Etafenone is a vasodilator for the therapy of anigna pectoris.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0728 mL	15.3638 mL	30.7276 mL
5 mM	0.6146 mL	3.0728 mL	6.1455 mL
10 mM	0.3073 mL	1.5364 mL	3.0728 mL
50 mM	0.0615 mL	0.3073 mL	0.6146 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

Ujiie A, Komatsu H, Kubota T, Hamano S, Naito J. [Studies on the inhibitory effect of etafenone hydrochloride on platelet aggregation]. Nihon Yakurigaku Zasshi. 1983 Jun;81(6):493-8. Japanese. PubMed PMID: 6618341.

Kitamura S, Ishihara Y. Effect of calcium antagonist, etafenone hydrochloride, on the isolated guinea pig tracheal tissues. Arzneimittelforschung. 1980;30(7):1088-91. PubMed PMID: 7191291.

Etoh Y, Nakazawa M, Imai S. Effects of etafenone on myocardial energy metabolism as studied by an organ redoximeter and biochemical analyses. Jpn J Pharmacol. 1984 Jul;35(3):229-35. PubMed PMID: 6482088.

Kukovetz WR. Modification of the cardiostimulatory and coronary dilator effect of isopreenaline caused by etafenone. Arzneimittelforschung. 1975 Jan;25(1):31-8. German. PubMed PMID: 238542.

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