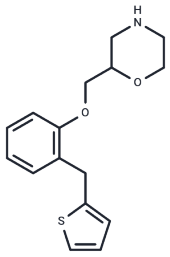
Data Sheet (Cat.No.T67963)

TargetMol

Teniloxazine

Chemical Properties



CAS No. : 62473-79-4

Formula: C16H19NO2S

Molecular Weight: 289.39

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Teniloxazine is an orally available antidepressant compound with anti-hypoxic properties.
Targets(IC50)	Others,5-HT Receptor,Adrenergic Receptor,Dopamine Receptor
In vivo	Teniloxazine (80 mg; oral; twice a day; 7 days; 12 healthy volunteers and 12 cirrhotic patients). In healthy volunteers, an increase in oral clearance, CLo (from a mean (s.d.) value of 14.6 (3.9) to 18.0 (6.6) ml min-1 kg-1. In cirrhotic patients, the pharmacokinetic parameters of teniloxazine remained essentially invariant with time. Compared with normal subjects, CLo was about halved in cirrhotic patients, whereas t 1/2 was more than doubled.[1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4555 mL	17.2777 mL	34.5554 mL
5 mM	0.6911 mL	3.4555 mL	6.9111 mL
10 mM	0.3456 mL	1.7278 mL	3.4555 mL
50 mM	0.0691 mL	0.3456 mL	0.6911 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

Orlando R, et al. The pharmacokinetics of teniloxazine in healthy subjects and patients with hepatic cirrhosis. Br J Clin Pharmacol. 1995;39(4):445-448.
Kinoshita T. Quantitative pharmaco-EEG study of nootropics. Seishin Shinkeigaku Zasshi. 1990;92(5):255-276.
Makoto Kuriyama. Therapeutic agent for attention-deficit hyperactivity disorder. US20090048243A1.

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