

Fomepizole hydrochloride

Chemical Properties

CAS No. :	56010-88-9
Formula:	C ₄ H ₇ ClN ₂
Molecular Weight:	118.565
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Fomepizole hydrochloride (4-Methylpyrazole), a potent, orally active inhibitor of cytochrome P450 (CYP2E1) and a competitive inhibitor of alcohol dehydrogenase, prevents the conversion of methanol and ethylene glycol into toxic metabolites. It has potential as an antidote for poisoning by ethylene glycol or methanol.
Targets(IC50)	Others,Cytochromes P450

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.4338 mL	42.1692 mL	84.3384 mL
5 mM	1.6868 mL	8.4338 mL	16.8677 mL
10 mM	0.8434 mL	4.2169 mL	8.4338 mL
50 mM	0.1687 mL	0.8434 mL	1.6868 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.

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