Data Sheet (Cat.No.T0857)

TargetMol

Fenipentol

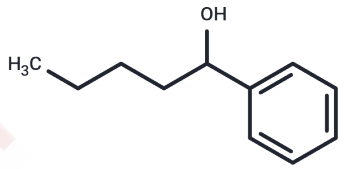
Chemical Properties

CAS No. : 583-03-9

Formula: C11H16O

Molecular Weight: 164.24

Storage: Keep away from direct sunlight
Store at -20°C
Actual storage temperature shall be subject to the COA.



Biological Description

Description	Fenipentol (Pancoral) has the properties of Choleretics and Cholagogues.
Targets(IC50)	Lipid

Solubility Information

Solubility	DMSO: 55 mg/mL (334.88 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 2.5 mg/mL (15.22 mM),Sonication is recommended. *Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.*

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.0887 mL	30.4433 mL	60.8865 mL
5 mM	1.2177 mL	6.0887 mL	12.1773 mL
10 mM	0.6089 mL	3.0443 mL	6.0887 mL
50 mM	0.1218 mL	0.6089 mL	1.2177 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

Chey WY, et al. Gastroenterology. 1983 Jun;84(6):1578-84.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481