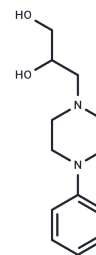


## Dropropizine

## Chemical Properties

CAS No. : 17692-31-8  
Formula: C<sub>13</sub>H<sub>20</sub>N<sub>2</sub>O<sub>2</sub>  
Molecular Weight: 236.31  
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	Dropropizine (UCB-1967), a racemic non-opiate antitussive agent, is served as a cough suppressant.
Targets(IC50)	Others
In vitro	Dropropizine was not mutagenic or teratogenic in Chinese hamster V79 and human EUE cells, and lithium carbonate showed a weak and mazindol a moderate genotoxic response, which was reduced in both cases in the presence of microsomal fraction S9.
In vivo	Dropropizine was not mutagenic or teratogenic in Chinese hamster V79 and human EUE cells, and lithium carbonate showed a weak and mazindol a moderate genotoxic response, which was reduced in both cases in the presence of microsomal fraction S9.

## Solubility Information

Solubility	H <sub>2</sub> O: 9 mg/mL (38.09 mM),Sonication is recommended. DMSO: 55 mg/mL (232.75 mM),Sonication is recommended. Ethanol: 44 mg/mL (186.2 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

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	1mg	5mg	10mg
1 mM	4.2317 mL	21.1586 mL	42.3173 mL
5 mM	0.8463 mL	4.2317 mL	8.4635 mL
10 mM	0.4232 mL	2.1159 mL	4.2317 mL
50 mM	0.0846 mL	0.4232 mL	0.8463 mL

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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

Nosalova G, et al. Acta Vet. Brno, 2007, 76, 27-33.

Slamenová D, et al. Mutat Res, 1986, 169(3), 171-177

Sutovska M, et al. Bratisl Lek Listy, 2009, 110(5), 269-275.

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