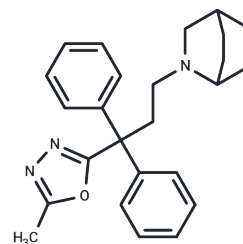


## Nufenoxole

## Chemical Properties

CAS No. :	57726-65-5
Formula:	C <sub>25</sub> H <sub>29</sub> N <sub>3</sub> O
Molecular Weight:	387.52
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	Nufenoxole is an orally active and antidiarrhoeal compound that inhibits fluid secretion in the human jejunum.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5805 mL	12.9026 mL	25.8051 mL
5 mM	0.5161 mL	2.5805 mL	5.161 mL
10 mM	0.2581 mL	1.2903 mL	2.5805 mL
50 mM	0.0516 mL	0.2581 mL	0.5161 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

Moriarty KJ, et al. Nufenoxole, a new antidiarrhoeal agent, inhibits fluid secretion in the human jejunum. Gut. 1985 Jan;26(1):75-80.

Cook CS, et al. Metabolism and pharmacokinetics of nufenoxole in animals and humans: an example of stereospecific hydroxylation of an isoquinuclidine ring. Xenobiotica. 1990 Oct;20(10):1065-80.

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