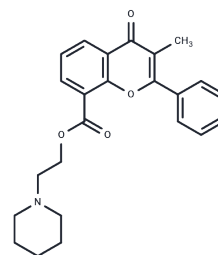


## Flavoxate

## Chemical Properties

CAS No. :	15301-69-6
Formula:	C <sub>24</sub> H <sub>25</sub> NO <sub>4</sub>
Molecular Weight:	391.46
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	Flavoxate is an anticholinergic with antimuscarinic effects.
Targets(IC50)	Others, Calcium Channel, AChR, PDE

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5545 mL	12.7727 mL	25.5454 mL
5 mM	0.5109 mL	2.5545 mL	5.1091 mL
10 mM	0.2555 mL	1.2773 mL	2.5545 mL
50 mM	0.0511 mL	0.2555 mL	0.5109 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

- Tang HC, Lam WP, Zhang X, Leung PC, Yew DT, Liang W. Short-Term Flavoxate Treatment Alters Detrusor Contractility Characteristics: Renewed Interest in Clinical Use? Low Urin Tract Symptoms. 2015 Sep;7(3):149-54. doi: 10.1111/luts.12063. Epub 2014 Jun 3. PubMed PMID: 26663730.
- Zor M, Aydur E, Dmochowski RR. Flavoxate in urogynecology: an old drug revisited. Int Urogynecol J. 2015 Jul;26(7):959-66. doi: 10.1007/s00192-014-2585-5. Epub 2014 Dec 6. PubMed PMID: 25480503.
- Arcaniolo D, Conquy S, Tarcan T. Flavoxate: present and future. Eur Rev Med Pharmacol Sci. 2015;19(5):719-31. Review. PubMed PMID: 25807422.
- Zaazaa HE, Mohamed AO, Hawwam MA, Abdelkawy M. Spectrofluorimetric determination of 3-methylflavone-8-carboxylic acid, the main active metabolite of flavoxate hydrochloride in human urine. Spectrochim Acta A Mol Biomol Spectrosc. 2015 Jan 5;134:109-13. doi: 10.1016/j.saa.2014.06.058. Epub 2014 Jun 20. PubMed PMID: 25004902.

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