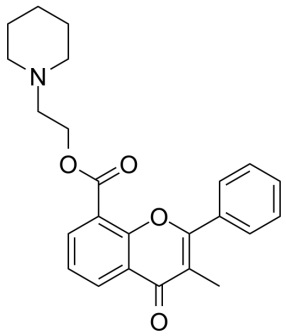
Flavoxate

Cat. No.:	HY-B0549
CAS No.:	15301-69-6
Molecular Formula:	$C_{24}H_{25}NO_4$
Molecular Weight:	391.46
Target:	Phosphodiesterase (PDE); Calcium Channel; mAChR
Pathway:	Metabolic Enzyme/Protease; Membrane Transporter/Ion Channel; Neuronal Signaling; GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Flavoxate is a potent and competitive phosphodiesterase (PDE) inhibitor. Flavoxate is an antispasmodic agent and muscarinic mAChR antagonist. Flavoxate shows moderate calcium antagonistic activity and local anesthetic effect. Flavoxate can be used for the research of overactive bladder (OAB) and lower urinary tract infections[1][2].

REFERENCES

[1]. Arcaniolo D, et al. Flavoxate: present and future. Eur Rev Med Pharmacol Sci. 2015;19(5):719-31.

[2]. Sugaya K, et al. Intravenous or local injections of flavoxate in the rostral pontine reticular formation inhibit urinary frequency induced by activation of medial frontal lobe neurons in rats. J Urol. 2014 Oct;192(4):1278-85.

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