

Product Information

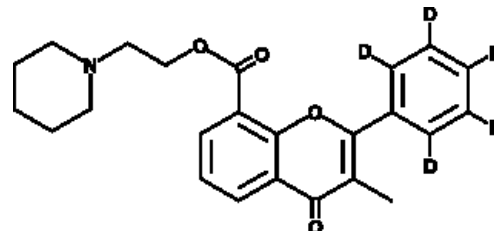


Flavoxate-d₅

Cat No: 33816 - 1 mg

General Data

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|--------------|-------------------------------|
| Shipping: | dry ice |
| Formulation: | A solid |
| Purity: | ≥99% deuterated forms (d1-d5) |



Product Overview

Flavoxate-d₅ is intended for use as an internal standard for the quantification of flavoxate (Item No. 19096) by GC- or LC-MS. Flavoxate is an inhibitor of L-type calcium channels and an antimuscarinic agent.^{30978} It induces relaxation of potassium-precontracted isolated human urinary bladder detrusor muscle (IC₅₀ = 2 μM) and reduces contractions induced by the acetylcholine receptor agonist carbachol (carbamoylcholine; Item No. 14486) or calcium in isolated rat detrusor strips.^{30978,57774} Microinjection of flavoxate (0.68 μg/animal) into the oral pontine reticular nucleus inhibits reflex micturition in decerebrated cats, and intravenous or intracerebroventricular administration reduces isovolumetric rhythmic bladder contractions in rats.^{57774} Formulations containing flavoxate have previously been used in the treatment of frequent or urgent urination, increased nocturnal urination, bladder pain, and urinary incontinence.

FP/04/24

For research laboratory use only – Not for human diagnostic use.

Buyers agree to purchase the material subject to Purchasing Terms that can be found on our website. Seek appropriate training to safely handle this product under normal conditions. Use the recommended personal protective equipment to prevent chemical exposures.

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