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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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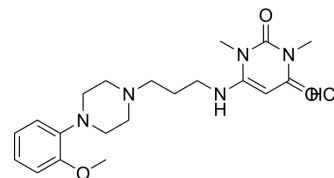
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Urapidil hydrochloride (Standard)

Cat. No.:	HY-B0354AR
CAS No.:	64887-14-5
Molecular Formula:	C ₂₀ H ₃₀ ClN ₅ O ₃
Molecular Weight:	423.94
Target:	5-HT Receptor; Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Urapidil (hydrochloride) (Standard) is the analytical standard of Urapidil (hydrochloride). This product is intended for research and analytical applications. Urapidil hydrochloride is an orally active α 1-adrenoceptor antagonist and 5-HT_{1A} receptor agonist with a pIC₅₀ of 6.13 and 4.38 against α 1- and α 2-adrenoceptor, respectively. Urapidil hydrochloride shows antihypertensive effect^{[1][2]}.

REFERENCES

- [1]. Gross, G., G. Hanft, and N. Kolassa, Urapidil and some analogues with hypotensive properties show high affinities for 5-hydroxytryptamine (5-HT) binding sites of the 5-HT_{1A} subtype and for alpha 1-adrenoceptor binding sites. *Naunyn Schmiedebergs Arch Pharmacol*, 1987. 336(6): p. 597-601.
- [2]. Buch, J., Urapidil, a dual-acting antihypertensive agent: Current usage considerations. *Adv Ther*, 2010. 27(7): p. 426-43.
- [3]. Vanhaesebrouck S, et al. Neonatal transient respiratory depression after maternal urapidil infusion for hypertension. *Eur J Pediatr*. 2009 Feb;168(2):221-3.

Caution: Product has not been fully validated for medical applications. For research use only.

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