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Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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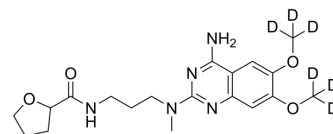
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Alfuzosin-d₆

Cat. No.:	HY-B0192S3
CAS No.:	1006717-31-2
Molecular Formula:	C ₁₉ H ₂₁ D ₆ N ₅ O ₄
Molecular Weight:	395.49
Target:	Isotope-Labeled Compounds; Adrenergic Receptor
Pathway:	Others; GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Alfuzosin-d₆ (SL 77499-d₆) is deuterium labeled Alfuzosin. Alfuzosin (SL 77499-10) is an orally active, selective and competitive α₁-adrenoceptor antagonist. Alfuzosin relaxes the muscles of the prostate and bladder neck, aiding in urination. Alfuzosin can be used in study of benign prostatic hyperplasia (BPH)^{[1][2][3]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.
- [2]. Martin DJ, et al. Relationship between the effects of alfuzosin on rat urethral and blood pressures and its tissue concentrations. Life Sci. 1998;63(3):169-76.
- [3]. Wilde MI, et al. Alfuzosin. A review of its pharmacodynamic and pharmacokinetic properties, and therapeutic potential in benign prostatic hyperplasia. Drugs. 1993 Mar;45(3):410-29.

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

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