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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRODUCT INFORMATION



Diltiazem (hydrochloride)

Item No. 20079

CAS Registry No.: 33286-22-5
Formal Name: (2S,3S)-3-(acetyloxy)-5-[2-(dimethylamino)ethyl]-2,3-dihydro-2-(4-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one, monohydrochloride

Synonym: (+)-*cis*-Diltiazem
MF: C₂₂H₂₆N₂O₄S • HCl
FW: 451.0

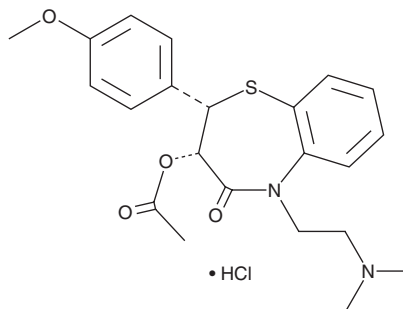
Purity: ≥98%

UV/Vis.: λ_{max}: 208, 238 nm

Supplied as: A crystalline solid

Storage: -20°C

Stability: As supplied, 2 years from the QC date provided on the Certificate of Analysis, when stored properly



Description

Diltiazem (hydrochloride) (Item No. 20079) is an analytical reference standard that is functionally categorized as a calcium channel blocker.¹ It causes vasorelaxation and lowers blood pressure. Diltiazem is found as an adulterant in cocaine specimens.² This product is intended for research and forensic applications.

References

1. Gutman, G.A., Chandy, K.G., Grissmer, S., *et al.* International Union of Pharmacology. LIII. Nomenclature and molecular relationships of voltage-gated potassium channels. *Pharmacol. Rev.* **57(4)**, 473-508 (2005).
2. Broséus, J., Gentile, N., and Esseiva, P. The cutting of cocaine and heroin: A critical review. *Forensic Sci. Int.* **262**, 73-83 (2016).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

WARRANTY AND LIMITATION OF REMEDY

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