



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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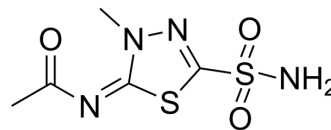
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Methazolamide (Standard)

Cat. No.:	HY-B0553R
CAS No.:	554-57-4
Molecular Formula:	C ₅ H ₈ N ₄ O ₃ S ₂
Molecular Weight:	236.27
Target:	Carbonic Anhydrase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Methazolamide (Standard) is the analytical standard of Methazolamide. This product is intended for research and analytical applications. Methazolamide (L584601) is a sulfonamide derivative used as a carbonic anhydrase inhibitor with a K_i of 14 nM for human carbonic anhydrase II. Methazolamide, an intraocular pressure-lowering agent, reduces intraocular pressure elevations associated with glaucoma and other ocular disorders^{[1][2]}.

REFERENCES

[1]. Yang F, et al. HLA-B*59:01: a marker for Stevens-Johnson syndrome/toxic epidermal necrolysis caused by methazolamide in Han Chinese. *Pharmacogenomics J.* 2016;16(1):83-87.

[2]. Abbate F, et al. Carbonic anhydrase inhibitors: X-ray crystallographic structure of the adduct of human isozyme II with the perfluorobenzoyl analogue of methazolamide. Implications for the drug design of fluorinated inhibitors. *J Enzyme Inhib Med Chem.* 2003;18(4):303-308.

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

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