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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRODUCT INFORMATION



trans-hydroxy Glimepiride

Item No. 34278

CAS Registry No.: 600177-94-4
Formal Name: 3-ethyl-2,5-dihydro-N-[2-[4-[[[[[*trans*-4-(hydroxymethyl)cyclohexyl]amino]carbonyl]amino]sulfonyl]phenyl]ethyl]-4-methyl-2-oxo-1H-pyrrole-1-carboxamide

MF: C₂₄H₃₄N₄O₆S

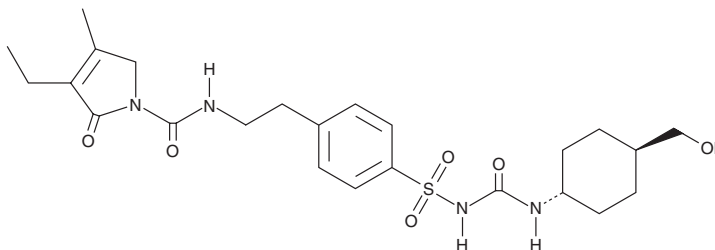
FW: 506.6

Purity: ≥95%

Supplied as: A solid

Storage: -20°C

Stability: ≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

trans-hydroxy Glimepiride is supplied as a solid. A stock solution may be made by dissolving the *trans*-hydroxy glimepiride in the solvent of choice, which should be purged with an inert gas. *trans*-hydroxy Glimepiride is slightly soluble in methanol and DMSO.

Description

trans-hydroxy Glimepiride is an active metabolite of the sulfonyleurea glimepiride (Item No. 12090).¹ It is formed from glimepiride primarily in the liver by the cytochrome P450 (CYP) isoform CYP2C9.

Reference

1. Langtry, H.D. and Balfour, J.A. Glimepiride. A review of its use in the management of type 2 diabetes mellitus. *Drugs* 55(4), 563-584 (1998).

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.

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