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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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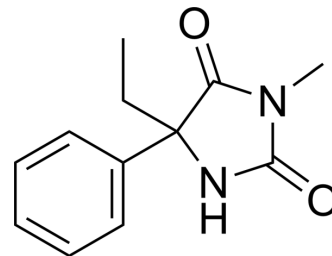
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Mephenytoin (Standard)

Cat. No.:	HY-B1184R
CAS No.:	50-12-4
Molecular Formula:	C ₁₂ H ₁₄ N ₂ O ₂
Molecular Weight:	218.25
Target:	Cytochrome P450
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Mephenytoin (Standard) is the analytical standard of Mephenytoin. This product is intended for research and analytical applications. Mephenytoin, an anticonvulsant, is the CYP2C19 and CYP2B6 substrate^[1].

REFERENCES

- [1]. Klaassen T, et al. Assessment of urinary mephenytoin metrics to phenotype for CYP2C19 and CYP2B6 activity. *Eur J Clin Pharmacol.* 2008;64(4):387-398.
- [2]. D R Minck, et al. Comparison of the behavioral teratogenic potential of phenytoin, mephenytoin, ethotoin, and hydantoin in rats. *Teratology.* 1991 Apr;43(4):279-93.
- [3]. J H Maguire, et al. Hypolipidemic activity of antiepileptic 5-phenylhydantoins in mice. *Eur J Pharmacol.* 1985 Oct 29;117(1):135-8.

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

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