

Product Datasheet

ETHOTOIN

Catalog No. **BP-02212** · CAS **86-35-1** · Form **free base** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-07**

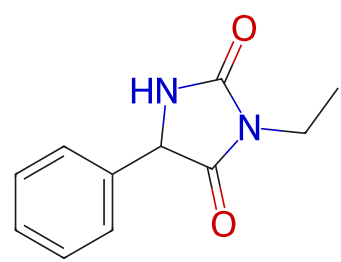
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Target Sodium Channel	Research area Neurological Disease
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Molecular formula **C₁₁H₁₂N₂O₂**

Molecular weight **204.2252**

STRUCTURE



DESCRIPTION

Ethotoin (Peganone) is an orally active anticonvulsant agent used in epilepsy research, Ethotoin is a hydantoin, similar to phenytoin[1].

BIOLOGICAL ACTIVITY

In Vivo

Ethotoin (oral gavage; 600 mg/kg; once) results in mild mortality and weight loss of offspring, after dosing on gestational day 18.

SOLUBILITY

soluble in DMSO

REFERENCES

- [1]. A S Troupin, et al. Clinical pharmacology of mephenytoin and ethotoin. Ann Neurol. 1979 Nov;6(5):410-4.
- [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.

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