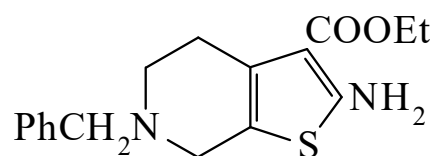




>>Entry Name: Tinoridine, INN

Synonym(s): Ethyl 2-amino-6-benzyl-4,5,6,7-tetrahydrothieno[2,3-*c*]pyridine-3-carboxylate, 8Cl. Tienoridine. Cinberamin. Cosmin. Dimaten. Nonflamin. Rolitrin. Y 3642



CAS Registry Number: 24237-54-5

Related CAS Registry Numbers(s): 37642-19-6

Molecular Formula: C₁₇H₂₀N₂O₂S

Molecular Weight: 316.423

Accurate Mass: 316.124548

Percentage Composition: C 64.53%; H 6.37%; N 8.85%; O 10.11%; S 10.13%

Use/Importance: Analgesic, antipyretic, antiinflammatory agent. Antioxidant

Melting Point: Mp 112-113°

Calculated Log P Data: Log P 3.82 (uncertain value) (calc)

Hazard & Toxicity: LD₅₀ (rat, ipr) 1250 mg/kg

Rare Chemicals Library: S54457-4

>>Derivative: Hydrochloride

Synonym(s): Tinoridine hydrochloride, JAN

CAS Registry Number: 25913-34-2

Physical Description: Yellow-white to yellow powder

Melting Point: Mp 234-235 dec.°

Hazard & Toxicity: LD₅₀ (rat, orl) 1200 mg/kg. LD₅₀ (rat, ipr) 1350 mg/kg. Exp. reprod. effects

References:

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Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 36

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