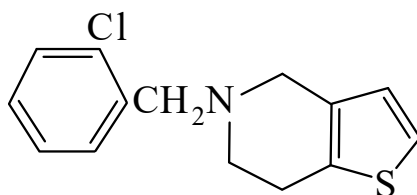




>>Entry Name: Ticlopidine, BAN, INN

Synonym(s): 5-[(2-Chlorophenyl)methyl]-4,5,6,7-tetrahydrothieno[3,2-c]pyridine, 9Cl. Ticlid. Ticlodix. Ticlodone



CAS Registry Number: 55142-85-3

Molecular Formula: C₁₄H₁₄ClNS

Molecular Weight: 263.79

Accurate Mass: 263.053546

Percentage Composition: C 63.75%; H 5.35%; Cl 13.44%; N 5.31%; S 12.16%

Biological Use/Importance: Platelet aggregation inhibitor. Used in the prevention of ischaemic stroke and peripheral arterial occlusion. Used in combination therapy with 2-Acetoxybenzoic acid [BLS47-M](#)

Development Status: Approved 1991

Calculated Log P Data: Log P 4.04 (uncertain value) (calc)

Other Data: Analogue of Clopidogrel [GRL56-Y](#)

>>Derivative: Hydrochloride

Synonym(s): Ticlopidine hydrochloride, JAN, USAN. Panaldine. Many other names

CAS Registry Number: 53885-35-1

Physical Description: Cryst. (EtOH)

Melting Point: Mp 189°

Hazard & Toxicity: LD₅₀ (rat, orl) 1780 mg/kg. Exp. reprod. and teratogenic effects

Sigma: T6654

References:

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