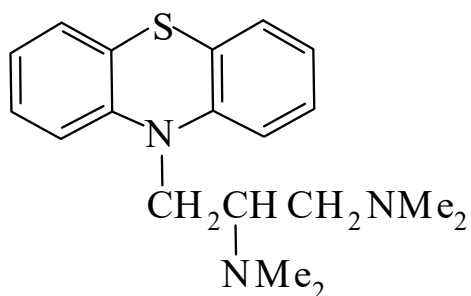




>>Entry Name: Aminopromazine, INN

Synonym(s): *N,N,N',N'*-Tetramethyl-3-(10*H*-phenothiazin-10-yl)-1,2-propanediamine, 9Cl. 10-[2,3-Bis(dimethylamino)propyl]phenothiazine, 8Cl. **Proquamezine**, BAN. Tetrameprozine



CAS Registry Number: 58-37-7

Molecular Formula: C₁₉H₂₅N₃S

Molecular Weight: 327.493

Accurate Mass: 327.176917

Percentage Composition: C 69.68%; H 7.69%; N 12.83%; S 9.79%

Use/Importance: Bronchial spasmolytic drug

Calculated Log P Data: Log P 4.52 (calc)

>>Variant: (±)-form

Molecular Formula: C₁₉H₂₅N₃S

Molecular Weight: 327.493

Accurate Mass: 327.176917

Percentage Composition: C 69.68%; H 7.69%; N 12.83%; S 9.79%

Melting Point: Mp 52°

>>Derivative: Hydrochloride (1:2)

CAS Registry Number: 1236-82-4

Melting Point: Mp 238°

>>Derivative: Fumarate

Synonym(s): Bayer A124. RP 3828

CAS Registry Number: 3688-62-8

Physical Description: Light-sensitive cryst.

Melting Point: Mp 166-170 dec.°

References:

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Robinson, A.E., *J. Pharm. Pharmacol.*, 1966, **18**, 19, (*metab*)
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