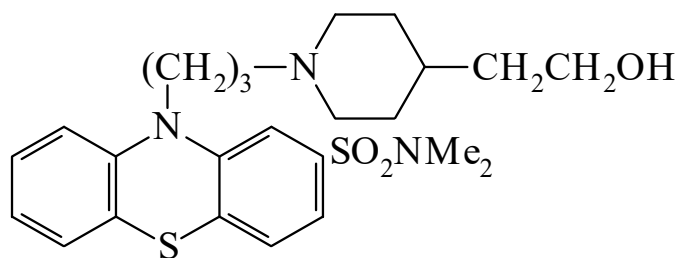




>>Entry Name: **Pipotiazine**, INN

Synonym(s): 10-[3-[4-(2-Hydroxyethyl)-1-piperidiny]propyl]-*N,N*-dimethyl-10*H*-phenothiazine-2-sulfonamide, 9Cl. **Pipothiazine**, BAN. Piportil. RP 19366



CAS Registry Number: 39860-99-6

Molecular Formula: C₂₄H₃₃N₃O₃S₂

Molecular Weight: 475.675

Accurate Mass: 475.196332

Percentage Composition: C 60.60%; H 6.99%; N 8.83%; O 10.09%; S 13.48%

Use/Importance: Dopamine D₂-receptor antagonist. Neuroleptic, antipsychotic

Calculated Log P Data: Log P 4.52 (calc)

>>Derivative: *O*-Hexadecanoyl

Synonym(s): **Pipotiazine palmitate**, USAN. Lonseren. Piportil L4. Piportyl palmitate. FI 6927. IL 19552. RP 19552

CAS Registry Number: 37517-26-3

Molecular Formula: C₄₀H₆₃N₃O₄S₂

Molecular Weight: 714.087

Accurate Mass: 713.425997

Percentage Composition: C 67.28%; H 8.89%; N 5.88%; O 8.96%; S 8.98%

Use/Importance: Neuroleptic

Melting Point: Mp 134° (as oxalate)

Calculated Log P Data: Log P 12.87 (uncertain value) (calc)

>>Derivative: *O*-(10-Undecenoyl)

Synonym(s): Pipotiazine undecylenate. Mi-Lonseren. Piportil M2. Piportyl undecylenate. RP 19551

CAS Registry Number: 22178-11-6

Molecular Formula: C₃₅H₅₁N₃O₄S₂

Molecular Weight: 641.938

Accurate Mass: 641.332097

Percentage Composition: C 65.49%; H 8.01%; N 6.55%; O 9.97%; S 9.99%

Use/Importance: Neuroleptic

Melting Point: Mp 58-59°

Calculated Log P Data: Log P 9.74 (uncertain value) (calc)

>>Derivative: *O*-(10-Undecenoyl), oxalate

Melting Point: Mp 126°

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