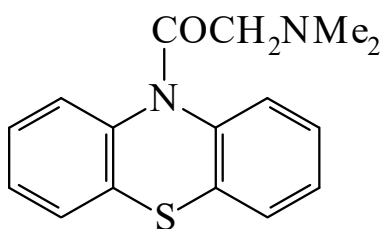




>>Entry Name: 10-[(Dimethylamino)acetyl]-10*H*-phenothiazine, 9Cl

Synonym(s): 10-(*N,N*-Dimethylglycyl)phenothiazine, 8Cl. **Dacemazine**, INN. Ahistan. Histantine



CAS Registry Number: 518-61-6

Molecular Formula: C₁₆H₁₆N₂OS

Molecular Weight: 284.381

Accurate Mass: 284.098333

Percentage Composition: C 67.58%; H 5.67%; N 9.85%; O 5.63%; S 11.28%

Use/Importance: Antihistaminic drug

Physical Description: Cryst. (EtOH)

Development Status: Never marketed

Melting Point: Mp 149-150°

Hazard & Toxicity: LD₅₀ (mus, scu) 400 mg/kg

>>Derivative: Hydrochloride

Physical Description: Cryst. (EtOH/petrol)

Melting Point: Mp 230 dec.°

>>Derivative: Di-*tert*-butylnaphthalenesulfonate (1:1)

Synonym(s): Codopectyl

CAS Registry Number: 27176-90-5

Type of Compound Code(s): XA2250 XA2350

Use/Importance: Spasmolytic and antitussive agent

References:

Ekstrand, T. *et al.*, *Acta Chem. Scand.*, 1951, **5**, 102, (*synth, pharmacol*)

Kano, H. *et al.*, *CA*, 1958, **52**, 10094i, (*synth*)

Wassermann, N. *et al.*, *Rev. Chim. (Bucharest)*, 1959, **10**, 81, (*synth*)

Fr. Pat., 1968, M 5 765; *CA*, **70**, 90751, (*salt*)