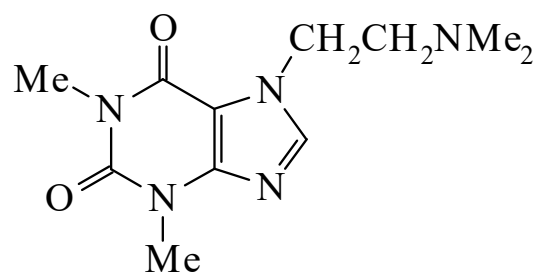




>>Entry Name: Dimethazan, INN

Synonym(s): 7-(2-Dimethylaminoethyl)theophylline. Elidin



CAS Registry Number: 519-30-2

Type of Compound Code(s): XA3850 XA2900 XA1450

Molecular Formula: C₁₁H₁₇N₅O₂

Molecular Weight: 251.288

Accurate Mass: 251.138225

Percentage Composition: C 52.58%; H 6.82%; N 27.87%; O 12.73%

Use/Importance: Antidepressant, CNS stimulant, diuretic

Melting Point: Mp 95°

Calculated Log P Data: Log P -0.11 (uncertain value) (calc)

>>Derivative: Hydrochloride

Melting Point: Mp 260°

References:

Klosa, J., *Arch. Pharm. (Weinheim, Ger.)*, 1955, **288**, 301, (*synth*)

Balatre, P. *et al.*, *Therapie*, 1956, **11**, 1146, (*pharmacol*)