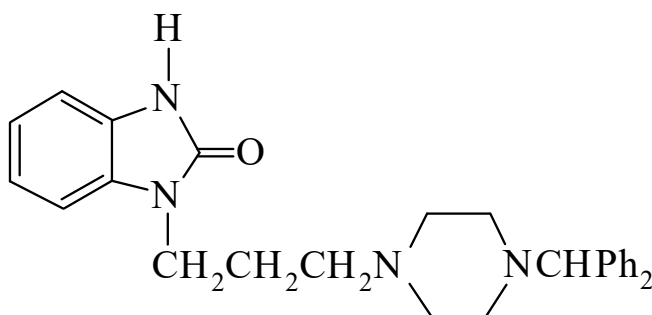




>>Entry Name: Oxatomide, BAN, INN, USAN

Synonym(s): 1-[3-[4-(Diphenylmethyl)-1-piperazinyl]propyl]-1,3-dihydro-2H-benzimidazol-2-one, 9Cl. Oxatimide. Cenacert. Fensedyl. Tinset. Truxa. KW 4354. McN JR 35443. R 35443



CAS Registry Number: 60607-34-3

Molecular Formula: C<sub>27</sub>H<sub>30</sub>N<sub>4</sub>O

Molecular Weight: 426.56

Accurate Mass: 426.241961

Percentage Composition: C 76.03%; H 7.09%; N 13.13%; O 3.75%

Use/Importance: Histamine H<sub>1</sub>-receptor antagonist. Also a mediator release inhibitor *via* Ca influx inhibition mechanism

Melting Point: Mp 153.6°

Hazard & Toxicity: LD<sub>50</sub> (rat, orl) 1410 mg/kg. LD<sub>50</sub> (rat, ipr) 63 mg/kg. Exp. reprod. and teratogenic effects

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