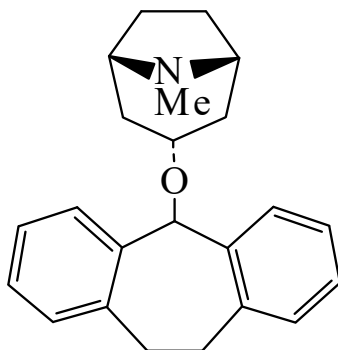




>>Entry Name: **Deptropine**, BAN, INN

Synonym(s): 3-[(10,11-Dihydro-5*H*-dibenzo[*a,d*]cyclohepten-5-yl)oxy]-8-methyl-8-azabicyclo[3.2.1]octane, 9Cl. 3-[(10,11-Dihydro-5*H*-dibenzo[*a,d*]cyclohepten-5-yl)oxy]tropane, 8Cl. Dibenzheptropine



CAS Registry Number: 604-51-3

Molecular Formula: C₂₃H₂₇NO

Molecular Weight: 333.472

Accurate Mass: 333.209264

Percentage Composition: C 82.84%; H 8.16%; N 4.20%; O 4.80%

Use/Importance: Histamine H₁-receptor antagonist. Anticholinergic, bronchodilator

Melting Point: Mp 190-197°

Calculated Log P Data: Log P 4.35 (calc)

>>Derivative: Hydrogen citrate

Synonym(s): Brontine. BS 6987. Deptropine citrate. Dibenzheptropine citrate. Su-Brontine

CAS Registry Number: 2169-75-7

Hazard & Toxicity: LD₅₀ (rat, orl) 445 mg/kg

>>Derivative: *N*-Me, bromide

Synonym(s): BS 7020a. Deptropine methobromide

CAS Registry Number: 10139-98-7

Use/Importance: Anticholinergic, antiulcer agent, spasmolytic

Hazard & Toxicity: LD₅₀ (rat, orl) 800 mg/kg

>>Derivative: *N*-Me, iodide

Synonym(s): BS 7020. Deptropine methiodide

CAS Registry Number: 38146-43-9

References:

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