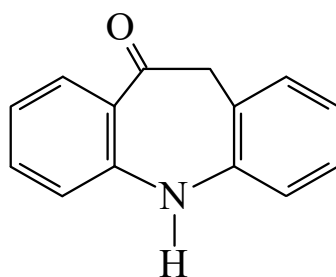




>>Entry Name: 5,11-Dihydro-10*H*-dibenz[*b,f*]azepin-10-one, 8Cl



CAS Registry Number: 21737-58-6

Molecular Formula: C₁₄H₁₁NO

Molecular Weight: 209.247

Accurate Mass: 209.084064

Percentage Composition: C 80.36%; H 5.30%; N 6.69%; O 7.65%

Melting Point: Mp 145°

>>Derivative: *N*-Carbamoyl

Synonym(s): 10,11-Dihydro-10-oxo-5*H*-dibenz[*b,f*]azepine-5-carboxamide, 8Cl. **Oxcarbazepine**, BAN, INN. Oxcarb. Trileptal. GP 47680

CAS Registry Number: 28721-07-5

Molecular Formula: C₁₅H₁₂N₂O₂

Molecular Weight: 252.272

Accurate Mass: 252.089878

Percentage Composition: C 71.42%; H 4.79%; N 11.10%; O 12.68%

Use/Importance: Neuroleptic agent, anticonvulsant

Physical Description: Cryst. (EtOH)

Development Status: Launched 1990

Melting Point: Mp 215-216°

Calculated Log P Data: Log P 1.21 (uncertain value) (calc)

References:

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Kumps, A., *J. Liq. Chromatogr.*, 1984, **7**, 1235, (*hplc*)

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