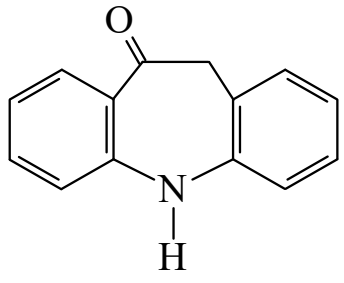
>>**Entry Name: 5,11-Dihydro-10*H*-dibenz[*b,f*]azepin-10-one,** 8CI



CAS Registry Number: 21737-58-6

Molecular Formula: $C_{14}H_{11}NO$
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, 8CI. **Oxcarbazepine,** BAN, INN**.** Oxcarb. Trileptal. GP 47680

CAS Registry Number: 28721-07-5
Molecular Formula: $C_{15}H_{12}N_2O_2$
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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