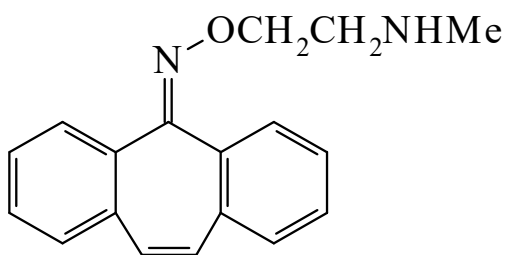




>>Entry Name: Demexiptiline, INN

Synonym(s): 5*H*-Dibenzo[*a,d*]cyclohepten-5-one *O*-[2-(methylamino)ethyl]oxime, 8Cl. Déparon. Tinoran. LM 2909



CAS Registry Number: 24701-51-7

Molecular Formula: C₁₈H₁₈N₂O

Molecular Weight: 278.353

Accurate Mass: 278.141913

Percentage Composition: C 77.67%; H 6.52%; N 10.06%; O 5.75%

Use/Importance: Anticataleptic and antidepressant drug

>>Derivative: Hydrochloride

CAS Registry Number: 18059-99-9

Melting Point: Mp 230°

Hazard & Toxicity: LD₅₀ (mus, orl) 330 mg/kg. LD₅₀ (mus, ivn) 25 mg/kg

References:

Ger. Pat., 1967, *Bayer*, 1 247 302; *CA*, **68**, 104842w, (*synth, pharmacol*)

Aichinger, G. *et al.*, *Arzneim.-Forsch.*, 1969, **19**, 838, (*pharmacol*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 252