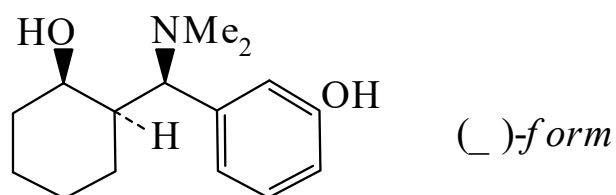




>>Entry Name: **Ciramadol**, INN, USAN

Synonym(s): 3-[(Dimethylamino)(2-hydroxycyclohexyl)methyl]phenol, 9Cl. Cindol. Ciradol. Wy 15705



Molecular Formula: C₁₅H₂₃NO₂

Molecular Weight: 249.352

Accurate Mass: 249.172879

Percentage Composition: C 72.25%; H 9.30%; N 5.62%; O 12.83%

Use/Importance: Analgesic

Calculated Log P Data: Log P 1.55 (calc)

>>Variant: (–)-form

CAS Registry Number: 63269-31-8

Molecular Formula: C₁₅H₂₃NO₂

Molecular Weight: 249.352

Accurate Mass: 249.172879

Percentage Composition: C 72.25%; H 9.30%; N 5.62%; O 12.83%

Physical Description: Cryst. (Me₂CO/hexane)

Melting Point: Mp 191-193°

Optical Rotation: [α]_D²⁵ –46.92 (c, 1.06 in MeOH)

>>Derivative: Hydrochloride

Synonym(s): **Ciramadol hydrochloride**, USAN

CAS Registry Number: 63323-46-6

Physical Description: Cryst. (Me₂CO/MeOH)

Melting Point: Mp 255-257° (efferv)

Optical Rotation: [α]_D²⁵ –15.31 (c, 1.07 in MeOH)

References:

Yardley, J.P. *et al.*, *Experientia*, 1978, **34**, 1124, (*synth, pharmacol*)

Stallings, W. *et al.*, *J. Cryst. Mol. Struct.*, 1981, **11**, 59, (*cryst struct, abs config*)

Kubota, A. *et al.*, *Jpn. J. Pharmacol.*, 1983, **33**, 1085, (*pharmacol*)

Sisenwine, S.F. *et al.*, *Xenobiotica*, 1986, **16**, 335, (*metab*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 1069