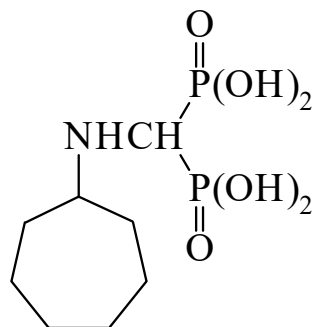




>>Entry Name: Incadronic acid, INN

Synonym(s): [(Cycloheptylamino)methylene]bisphosphonic acid, 9Cl. Cimadronic acid



CAS Registry Number: 124351-85-5

Related CAS Registry Numbers(s): 124351-81-1 157432-62-7 157432-63-8

Molecular Formula: C₈H₁₉NO₆P₂

Molecular Weight: 287.189

Accurate Mass: 287.068763

Percentage Composition: C 33.46%; H 6.67%; N 4.88%; O 33.43%; P 21.57%

Use/Importance: Calcium regulator used in the treatment for bone disorders

Physical Description: Cryst. (MeOH aq.)

Melting Point: Mp 232-233°

>>Derivative: Di-Na salt

Synonym(s): YM 175

CAS Registry Number: 138330-18-4

References:

Eur. Pat., 1989, *Yamanouchi*, 325 482; *CA*, **112**, 21140s, (*synth, pharmacol*)

Nagao, Y. *et al.*, *Biochem. Biophys. Res. Commun.*, 1991, **180**, 1172, (*pharmacol*)

Usui, T. *et al.*, *J. Chromatogr.*, 1992, **584**, 213, (*hplc*)

Amin, D. *et al.*, *J. Lipid Res.*, 1992, **33**, 1657, (*pharmacol*)

Takeuchi, M. *et al.*, *Chem. Pharm. Bull.*, 1993, **41**, 688, (*synth, pmr, ms, pharmacol*)