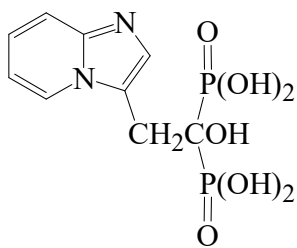




>>Entry Name: Minodronic acid, INN

Synonym(s): 1-Hydroxy-2-(imidazo[1,2-*a*]pyridin-3-ylethylidene)bisphosphonic acid, 9Cl. YM 529



CAS Registry Number: 127657-42-5

Extra CAS Registry Numbers(s): 155648-60-5

Molecular Formula: C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>7</sub>P<sub>2</sub>

Molecular Weight: 322.151

Accurate Mass: 322.011977

Percentage Composition: C 33.56%; H 3.75%; N 8.70%; O 34.77%; P 19.23%

Biological Use/Importance: Calcium regulator

Physical Description: Cryst. (MeOH aq.)

Melting Point: Mp 222-224° (dec.)

#### References:

*Eur. Pat.*, 1990, *Yamanouchi*, 354 806; *CA*, **113**, 24240f, (*synth, pharmacol*)

Usui, T. *et al.*, *J. Chromatogr., B: Biomed. Appl.*, 1994, **652**, 67-72, (*hplc, detn*)