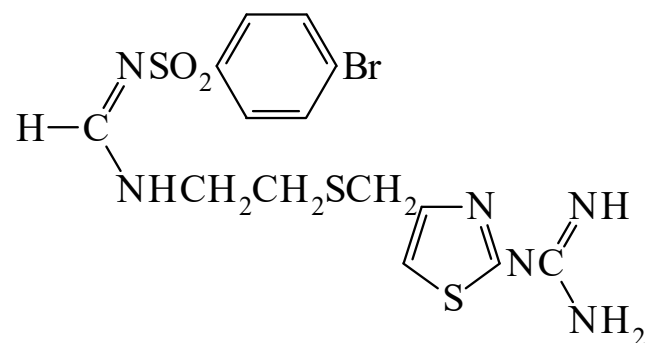




>>Entry Name: Ebrotidine, INN

Synonym(s): *N*-[[[[2-[[[2-[(Aminoiminomethyl)amino]-4-thiazolyl]methyl]thio]ethyl]amino]methylene]-4-bromobenzenesulfonamide, 9Cl



CAS Registry Number: 100981-43-9

Type of Compound Code(s): XA4220 XA2370 XA4515

Molecular Formula: C₁₄H₁₇BrN₆O₂S₃

Molecular Weight: 477.429

Accurate Mass: 475.995845

Percentage Composition: C 35.22%; H 3.59%; Br 16.74%; N 17.60%; O 6.70%; S 20.15%

Use/Importance: Histamine H₂-receptor antagonist. Gastroprotective, antiulcerogenic. Gastric secretion inhibitor

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 107-110°

References:

- Eur. Pat.*, 1985, *Ferrer Intern*, 159 012; *CA*, **104**, 148861t, (*synth*)
Anglada, L. *et al.*, *Eur. J. Med. Chem. (Chim. Ther.)*, 1988, **23**, 97, (*synth, pmr*)
Piotrowski, J. *et al.*, *Biochem. Int.*, 1992, **26**, 659, (*pharmacol*)
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Sito, E. *et al.*, *J. Physiol. Pharmacol.*, 1993, **44**, 259, (*clin trial*)
Rozman, E. *et al.*, *J. Pharm. Sci.*, 1994, **83**, 252, (*metab*)
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