



>>Entry Name: Ecabapide, INN

Synonym(s): 3-[[2-[[2-(3,4-Dimethoxyphenyl)ethyl]amino]-2-oxoethyl]amino]-N-methylbenzamide, 9Cl. 3-[[[2-(3,4-Dimethoxyphenyl)ethyl]carbamoyl]methyl]amino-N-methylbenzamide. Ecabamide. DQ 2511



CAS Registry Number: 104775-36-2

Related CAS Registry Numbers(s): 104775-57-7

Type of Compound Code(s): XA2370

Molecular Formula: C₂₀H₂₅N₃O₄

Molecular Weight: 371.435

Accurate Mass: 371.184507

Percentage Composition: C 64.67%; H 6.78%; N 11.31%; O 17.23%

Use/Importance: Antiulcer agent. Shows selective vasodilatory activity

Physical Description: Dimorph. cryst. (MeOH/Et₂O or EtOH/Et₂O)

Melting Point: Mp 93-96.5°. Mp 130°

Calculated Log P Data: Log P 1.01 (calc)

Hazard & Toxicity: Induced Heinz body haemolyticaemia in dogs

References:

Eur. Pat., 1986, *Daiichi Seiyaku*, 185 368; *CA*, **105**, 172063a, (*synth, pharmacol*)

Asano, M. *et al.*, *Arzneim.-Forsch.*, 1990, **40**, 276, (*pharmacol*)

Hosokami, T. *et al.*, *Chem. Pharm. Bull.*, 1992, **40**, 2712, (*synth, pharmacol, pmr*)

Hirohashi, M. *et al.*, *Arzneim.-Forsch.*, 1993, **43**, 569; 578, (*pharmacol*)

Ohno, H. *et al.*, *Fundam. Appl. Toxicol.*, 1993, **20**, 141, (*tox*)