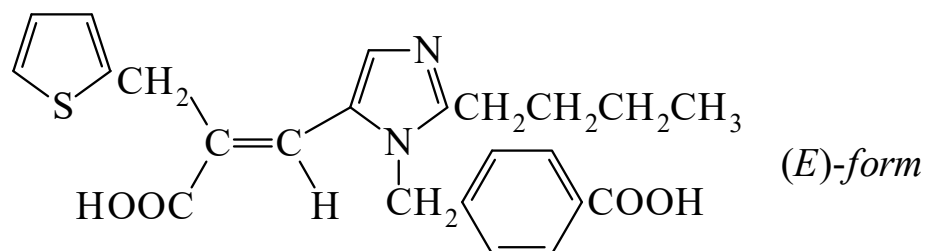




>>Entry Name: Eprosartan, BAN, USAN

Synonym(s): α -[[2-Butyl-1-[(4-carboxyphenyl)methyl]-1*H*-imidazol-5-yl]methylene]-2-thiophenepropanoic acid. SKF 108566



CAS Registry Number: 133040-01-4

Molecular Formula: C₂₃H₂₄N₂O₄S

Molecular Weight: 424.52

Accurate Mass: 424.145678

Percentage Composition: C 65.07%; H 5.70%; N 6.60%; O 15.08%; S 7.55%

Use/Importance: Angiotensin II AT₁-receptor antagonist. Antihypertensive agent

Development Status: Approved by FDA (1997)

Calculated Log P Data: Log P 4.7 (calc)

>>Variant: (*E*)-form

Molecular Formula: C₂₃H₂₄N₂O₄S

Molecular Weight: 424.52

Accurate Mass: 424.145678

Percentage Composition: C 65.07%; H 5.70%; N 6.60%; O 15.08%; S 7.55%

Physical Description: Cryst. (CH₂Cl₂/MeOH)

Melting Point: Mp 258 dec.°

>>Derivative: Methanesulfonate

Synonym(s): Eprosartan mesylate

CAS Registry Number: 144143-96-4

References:

- Eur. Pat.*, 1990, *SmithKline Beckman*, 403 159; *CA*, **114**, 207258h, (*synth, pharmacol*)
Weinstock, J. *et al.*, *J. Med. Chem.*, 1991, **34**, 1514; 1993, **36**, 1880, (*synth, pharmacol, pmr*)
Edwards, R.M. *et al.*, *J. Pharmacol. Exp. Ther.*, 1992, **260**, 175, (*pharmacol*)
Wittenberger, S.J. *et al.*, *Synth. Commun.*, 1993, **23**, 3231, (*synth, pmr, cmr*)
McLellan, K.J. *et al.*, *Drugs*, 1998, **55**, 713-718, (*rev*)
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