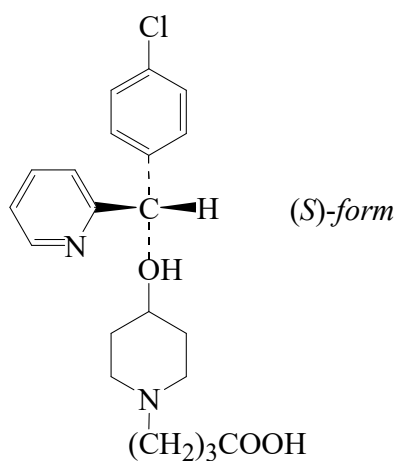




>>Entry Name: Betotastine, INN

Synonym(s): 4-[(4-Chlorophenyl)-2-pyridinylmethoxy]-1-piperidinebutanoic acid, 9Cl. TAU 284



CAS Registry Number: 125602-71-3

Related CAS Registry Numbers(s): 190730-39-3 190730-42-8 190786-44-8

Molecular Formula: $C_{21}H_{25}ClN_2O_3$

Molecular Weight: 388.893

Accurate Mass: 388.15537

Percentage Composition: C 64.86%; H 6.48%; Cl 9.12%; N 7.20%; O 12.34%

Biological Use/Importance: Antiallergic agent

>>Variant: ($\pm$)-form

Molecular Formula: $C_{21}H_{25}ClN_2O_3$

Molecular Weight: 388.893

Accurate Mass: 388.15537

Percentage Composition: C 64.86%; H 6.48%; Cl 9.12%; N 7.20%; O 12.34%

>>Derivative: Et ester

CAS Registry Number: 125602-70-2

Molecular Formula: $C_{23}H_{29}ClN_2O_3$

Molecular Weight: 416.946

Accurate Mass: 416.18667

Percentage Composition: C 66.26%; H 7.01%; Cl 8.50%; N 6.72%; O 11.51%

Melting Point: Mp 130-132° (as 4-methylbenzenesulfonate)

Other Data: CAS no. refers to 4-methylbenzenesulfonate

References:

Eur. Pat., 1989, *Ube*, 335 586; *CA*, **112**, 118850m, (*synth, pharmacol*)

Sakai, A. *et al.*, *Arzneim.-Forsch.*, 1997, **47**, 954-958; 1116-1124, (*pharmacol, pharmacokinet*)

Kaminuma, O. *et al.*, *Biol. Pharm. Bull.*, 1998, **21**, 411-413, (*pharmacol*)