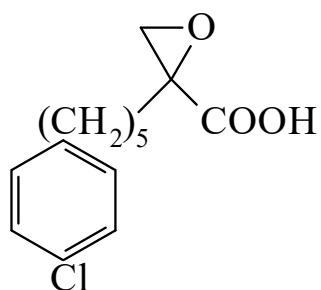




>>Entry Name: Clomoxir, INN

Synonym(s): 2-[5-(4-Chlorophenyl)pentyl]oxiranecarboxylic acid, 9Cl. 8-(4-Chlorophenyl)-2,3-epoxyoctanoic acid. POCA



CAS Registry Number: 88431-47-4

Related CAS Registry Numbers(s): 115401-53-1 115460-56-5 115460-61-2

Molecular Formula: C₁₄H₁₇ClO₃

Molecular Weight: 268.739

Accurate Mass: 268.086622

Percentage Composition: C 62.57%; H 6.38%; Cl 13.19%; O 17.86%

Use/Importance: Carnitine palmitoyl transferase I inhibitor. Antihyperglycaemic, cardioprotective agent

Calculated Log P Data: Log P 4.62 (calc)

Other Data: Both enantiomers are known but not separately characterised

>>Variant: (±)-form

Molecular Formula: C₁₄H₁₇ClO₃

Molecular Weight: 268.739

Accurate Mass: 268.086622

Percentage Composition: C 62.57%; H 6.38%; Cl 13.19%; O 17.86%

>>Derivative: Na salt

Synonym(s): Clomoxir sodium. B 807-27

CAS Registry Number: 78573-70-3

Physical Description: Cryst.

Melting Point: Mp 136-142°

>>Derivative: Et ester

CAS Registry Number: 78573-55-4

Molecular Formula: C₁₆H₂₁ClO₃

Molecular Weight: 296.793

Accurate Mass: 296.117922

Percentage Composition: C 64.75%; H 7.13%; Cl 11.95%; O 16.17%

Physical Description: Oil

Boiling Point: Bp_{0.3} 148-150°

References:

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