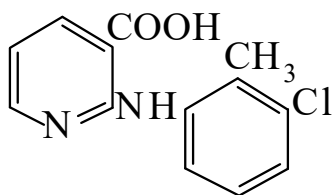




>>Entry Name: Clonixin, INN, USAN

Synonym(s): 2-[(3-Chloro-2-methylphenyl)amino]-3-pyridinecarboxylic acid, 9Cl. 2-(3-Chloro-*o*-toluidino)nicotinic acid, 8Cl. Clonix. CBA 93626. Sch 10304. Clonixic acid



CAS Registry Number: 17737-65-4

Molecular Formula: C₁₃H₁₁ClN₂O₂

Molecular Weight: 262.695

Accurate Mass: 262.050905

Percentage Composition: C 59.44%; H 4.22%; Cl 13.50%; N 10.66%; O 12.18%

Use/Importance: Analgesic, antiinflammatory agent

Melting Point: Mp 233-235°

Calculated Log P Data: Log P 4.59 (calc)

Other Data: Exists in 4 cryst. forms

Hazard & Toxicity: LD₅₀ (rat, orl) 335 mg/kg. LD₅₀ (rat, ipr) 148 mg/kg. Exp. reprod. and teratogenic effects

>>Derivative: Lysine salt (1:1)

Synonym(s): Lysine clonixinate. Deltar. Dolalgial. Dorixina. L 104. R 173

CAS Registry Number: 55837-30-4

Use/Importance: Antiinflammatory and analgesic

>>Derivative: 2,3-Dihydroxypropyl ester

Synonym(s): Clonixeril, INN, USAN. Sch 12707

CAS Registry Number: 21829-22-1

Molecular Formula: C₁₆H₁₇ClN₂O₄

Molecular Weight: 336.774

Accurate Mass: 336.087685

Percentage Composition: C 57.06%; H 5.09%; Cl 10.53%; N 8.32%; O 19.00%

Use/Importance: Antiinflammatory and analgesic

Physical Description: Cryst. (C₆H₆)

Development Status: Never marketed

Melting Point: Mp 113-114°

Calculated Log P Data: Log P 2.87 (calc)

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