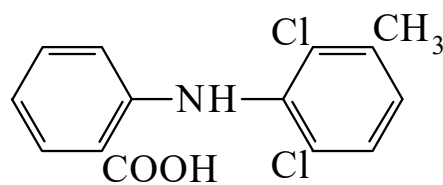




>>Entry Name: **Meclofenamic acid**, BAN, INN, USAN

Synonym(s): 2-[(2,6-Dichloro-3-methylphenyl)amino]benzoic acid. 2',6'-Dichloro-3'-methyldiphenylamine-2-carboxylic acid. CI 583. INF 4668



CAS Registry Number: 644-62-2

Molecular Formula: C₁₄H₁₁Cl₂NO₂

Molecular Weight: 296.152

Accurate Mass: 295.016683

Percentage Composition: C 56.78%; H 3.74%; Cl 23.94%; N 4.73%; O 10.80%

Use/Importance: Non-steroidal antiinflammatory agent, antirheumatic agent

Physical Description: Powder

Melting Point: Mp 287-291°

Calculated Log P Data: Log P 5.26 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 100 mg/kg. LD₅₀ (rat, ipr) 109 mg/kg. Exp. reprod. effects

>>Derivative: Na salt

Synonym(s): **Meclofenamate sodium**, USAN. Apirel. Arquel. Dynotan. Meclomen. Meclonax. Many other names

CAS Registry Number: 6385-02-0

Melting Point: Mp 289-291°

Hazard & Toxicity: Adverse gastrointestinal effects. Exp. reprod. effects

Sigma: M4531

>>Derivative: Ethoxymethyl ester

Synonym(s): **Terofenamate**, INN. Etoclofene. Etofen. A₃. A 3

CAS Registry Number: 29098-15-5

Molecular Formula: C₁₇H₁₇Cl₂NO₃

Molecular Weight: 354.232

Accurate Mass: 353.058548

Percentage Composition: C 57.64%; H 4.84%; Cl 20.02%; N 3.95%; O 13.55%

Use/Importance: Antiinflammatory agent

Physical Description: Cryst. (EtOH)

Melting Point: Mp 73-74°

Calculated Log P Data: Log P 5.57 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 307 mg/kg. LD₅₀ (rat, ipr) 274 mg/kg

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