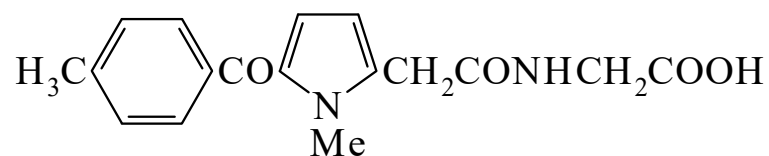




>>Entry Name: *N*-[[1-Methyl-5-(4-methylbenzoyl)-1*H*-pyrrol-2-yl]acetyl]glycine, 9Cl

Synonym(s): Tolmetin glycinamide. McN 4366. MED 5



CAS Registry Number: 87344-05-6

Molecular Formula: C₁₇H₁₈N₂O₄

Molecular Weight: 314.34

Accurate Mass: 314.126658

Percentage Composition: C 64.96%; H 5.77%; N 8.91%; O 20.36%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 203-205°

>>Derivative: 2-Methoxyphenyl ester

Synonym(s): Amtolmetin guacil, INN. Artromed. MED 15. ST 679

CAS Registry Number: 87344-06-7

Molecular Formula: C₂₄H₂₄N₂O₅

Molecular Weight: 420.464

Accurate Mass: 420.168523

Percentage Composition: C 68.56%; H 5.75%; N 6.66%; O 19.03%

Use/Importance: Antiinflammatory agent

Physical Description: Cryst. (cyclohexane/C₆H₆)

Development Status: Launched 1993 (Italy)

Melting Point: Mp 117-120°

Calculated Log P Data: Log P 2.47 (uncertain value) (calc)

Other Data: Prodrug of Tolmetin [FLW73-D](#)

Hazard & Toxicity: LD₅₀ (rat, orl) 4505 mg/kg

References:

- Belg. Pat., 1983, *Sigma-Tau; Medosan*, 896 018; *CA*, **99**, 158244m, (*synth, activity*)
Arrigoni-Martelli, E., *Drugs Exp. Clin. Res.*, 1990, **16**, 63; 1992, **18**, 481, (*pharmacol*)
Mancinelli, A. *et al.*, *J. Chromatogr.*, 1991, **553**, 81, (*hplc*)
Caruso, A. *et al.*, *Drugs Exp. Clin. Res.*, 1992, **18**, 481, (*pharmacol, tox*)