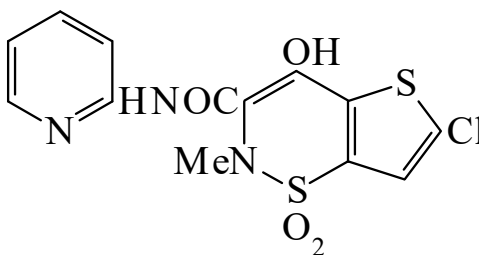




>>Entry Name: Lornoxicam, BAN, INN, USAN

Synonym(s): 6-Chloro-4-hydroxy-2-methyl-N-2-pyridinyl-2H-thieno[2,3-e]-1,2-thiazine-3-carboxamide 1,1-dioxide, 9Cl. Chlorotenoxicam. Xefo. Ro 13-9297. CTX



CAS Registry Number: 70374-39-9

Molecular Formula: C₁₃H₁₀ClN₃O₄S₂

Molecular Weight: 371.824

Accurate Mass: 370.980124

Percentage Composition: C 41.99%; H 2.71%; Cl 9.53%; N 11.30%; O 17.21%; S 17.25%

Biological Use/Importance: Nonsteroidal antiinflammatory and analgesic agent

Physical Description: Cryst. (dioxan)

Melting Point: Mp 239-241 dec.°

pKa Value: pK_{a1} 0.85; pK_{a2} 5.59 (H₂O)

Calculated Log P Data: Log P 3.15 (uncertain value) (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 573 mg/kg (potentially erroneous)

References:

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