Product Data Sheet

Product Name: Lornoxicam
CAS No.: 70374-39-9
Cat. No.: HY-B0367
MWt: 371.82
Formula: C13H10ClN3O4S2
Purity: >98%

Solubility: DMSO 2 mg/mL; Water <1 mg/mL

Mechanisms:
Pathways: Immunology/Inflammation; Target: COX

Biological Activity:
Lornoxicam, a COX-1 and COX-2 inhibitor, is a new nonsteroidal anti-inflammatory drug (NSAID). Target: COX
Lornoxicam showed a balanced inhibition of COX-1/-2 exhibiting the lowest IC50 (0.005 microM/0.008 microM) of the large panel of NSAIDs tested. Lornoxicam showed a marked inhibition of IL-6 formation (IC50 54 microM) while the formation of TNF-alpha, IL-1beta and IL-8 was only moderately affected [1]. Lornoxicam is effective in the treatment of patients with activated osteoarthritis; the analgesic and anti-inflammatory effects of lornoxicam are significantly superior to those of rofecoxib without inferiority in tolerability [2]. Lornoxicam was fully effective for prevention of hyperalgesia [3].

References:

Caution: Not fully tested. For research purposes only

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