

Tenoxicam

Catalog No: tcsc2546



Available Sizes

Size: 1g

Size: 5g



Specifications

CAS No:

59804-37-4

Formula:

$C_{13}H_{11}N_3O_4S_2$

Pathway:

Immunology/Inflammation

Target:

COX

Purity / Grade:

>98%

Solubility:

DMSO : 50 mg/mL (148.21 mM; Need ultrasonic); H2O :

Alternative Names:

Ro-12-0068

Observed Molecular Weight:

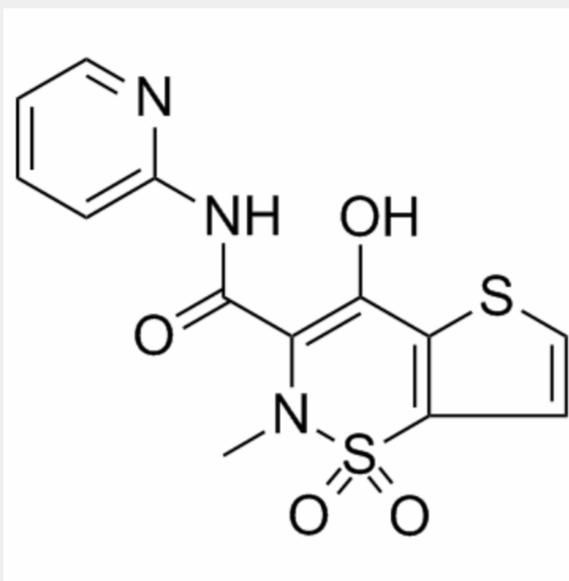
337.37

Product Description

Tenoxicam, an antiinflammatory agent with analgesic and antipyretic properties.

Target: COX

Tenoxicam is a non-steroidal anti-inflammatory drug (NSAID). Tenoxicam-treated patients had significant decrease in nitrite levels ($p = 0.036$) and XO activity ($p = 0.01$), but their SOD, GSH-Px enzyme activities, and MDA levels were unchanged from baseline. Tenoxicam may have antioxidant effects, and it may reduce nitrite levels, indicating an alteration of NO pathways [1]. Tenoxicam was administered intraperitoneally immediately after BAO. Histological analyses show that ischemia produced significant striatal as well as hippocampal lesions which were reversed by the Tenoxicam treatment. Tenoxicam also significantly reduced, to control levels, the increased myeloperoxidase activity in hippocampus homogenates observed after ischemia [2].



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