

Flurbiprofen

Catalog No: tcsc2208



Available Sizes

Size: 100mg

Size: 500mg



Specifications

CAS No:

5104-49-4

Formula:

$C_{15}H_{13}FO_2$

Pathway:

Immunology/Inflammation

Target:

PGE synthase

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 100 mg/mL (409.40 mM)

Alternative Names:

dl-Flurbiprofen

Observed Molecular Weight:

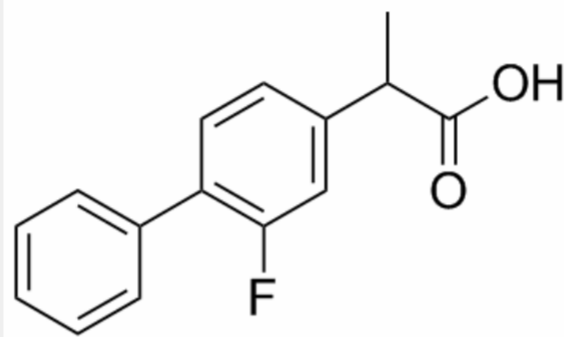
244.26

Product Description

Flurbiprofen is a nonsteroidal anti-inflammatory agent (NSAIA) with antipyretic and analgesic activity.

Target: PGE synthase

Flurbiprofen, a propionic acid derivative, is a nonsteroidal anti-inflammatory agent (NSAIA) with antipyretic and analgesic activity. Oral formulations of flurbiprofen may be used for the symptomatic treatment of rheumatoid arthritis, osteoarthritis and anklyosing spondylitis. Flurbiprofen may also be used topically prior to ocular surgery to prevent or reduce intraoperative miosis. Flurbiprofen is structurally and pharmacologically related to fenoprofen, ibuprofen, and ketoprofen. Flurbiprofen may have unique pharmacological properties that reduce the accumulation of unfolded proteins and may represent a new class of drug for the fundamental treatment of obesity [1]. Flurbiprofen and its enantiomers selectively lower A β 42 levels in broken cell γ -secretase assays, indicating that these compounds directly target the γ -secretase complex that generates A β from APP. Of the compounds tested, meclofenamic acid, racemic flurbiprofen, and the purified R and S enantiomers of flurbiprofen lowered A β 42 levels to the greatest extent [2].



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