

Parecoxib

Catalog No: tcsc1959



Available Sizes

Size: 25mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

198470-84-7

Formula:

$C_{19}H_{18}N_2O_4S$

Pathway:

Immunology/Inflammation

Target:

COX

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 50 mg/mL (134.98 mM)

Alternative Names:

SC 69124

Observed Molecular Weight:

370.42

Product Description

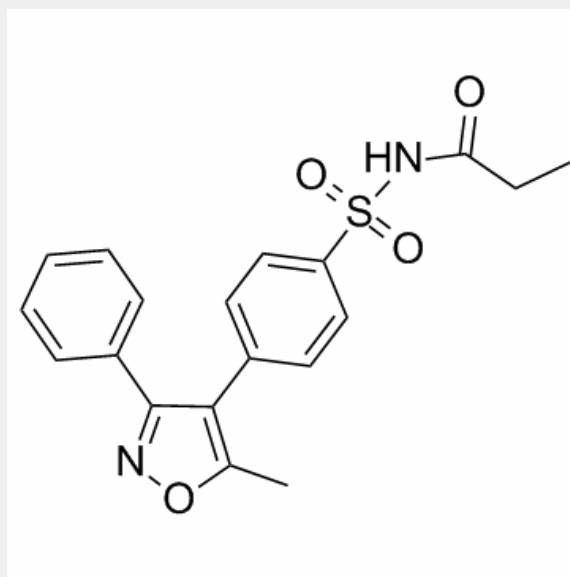
Parecoxib is a potent and selective COX-2 inhibitor.

IC50 value:

Target: COX-2

in vitro: The prodrug Parecoxib as well as its active metabolite val have a specific affinity to the cannabinoid (CB) receptor measured in CB1-expressing HEK 293 cells and rat brain tissue [1].

in vivo: Adult male Sprague-Dawley rats were administered parecoxib (10 or 30 mg kg⁻¹, IP) or isotonic saline twice a day starting 24 h after middle cerebral artery occlusion (MCAO) for three consecutive days [2]. The selective COX-2 inhibitor parecoxib was delivered 20 min before or 20 min after the incision by intraperitoneal injection. Pretreatment with parecoxib markedly attenuated the pain hypersensitivity induced by incision [3].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!