

Product: Nimesulide

RELATED PRODUCTS:

Celecoxib (Cat. No. 1574-100, 1000)

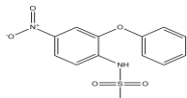
6-Gingerol (Cat. No. 2507-5, 25)

ALTERNATE NAME: N-(4-nitro-2-phenoxyphenyl)-methanesulfonamide; R805

CATALOG #: 2777-1G, 5G

AMOUNT: 1g, 5 g

STRUCTURE:

MOLECULAR FORMULA: C₁₃H₁₂N₂O₅S

MOLECULAR WEIGHT: 308.31

CAS NUMBER: 51803-78-2

APPEARANCE: Yellow solid

SOLUBILITY: DMSO (~30 mg/ml) or EtOH (~ 7 mg/ml)

PURITY: ≥99%

STORAGE: Store at -20° C. Protect from air and light

DESCRIPTION: Nimesulide is a selective cyclooxygenase-2 (COX-2) inhibitor. The IC₅₀ values are 70 and 1.27 μM for human recombinant COX-1 and -2 (at 20 μM arachidonic acid), respectively, and 22 and 0.03 μM for ovine COX-1 and -2 (at 100 μM arachidonic acid), respectively.

REFERENCE: Famaey, J.P. (1997). *Inflamm. Res.* **46**, 437-446.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used on humans.