

Product Data Sheet

Product Name: Suprofen

Cat. No.: GC14438

Chemical Properties

Cas. No. 40828-46-4

Chemical Name 2-[4-(thiophene-2-carbonyl)phenyl]propanoic acid

SMILES CC(C1=CC=C(C(=C1)C(=O)C2=CC=CS2)C(=O)O

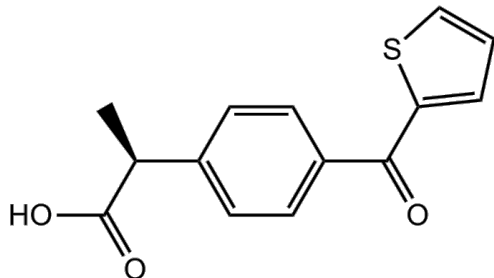
Formula C₁₄H₁₂O₃S M.Wt 260.31

Solubility ≥ 82.8mg/mL in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

Suprofen (TN-762) is a non-steroidal anti-inflammatory drug (NSAID).

Suprofen (TN-762) is an NSAID. Suprofen (TN-762) is an ibuprofen-type anti-inflammatory analgesic and antipyretic. It inhibits prostaglandin synthesis and has been proposed as an anti-arthritis. suprofen was clinically effective but the differential suppression of prostanoids favors 200mg which spares 6-keto PGF_{1α}[1].

References:

[1]. Yeadon, A., et al., Suprofen. An overview of long-term safety. Pharmacology, 1983. 27 Suppl 1:

Caution: Product has not been fully validated for medical applications. For research use only.

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p. 87-94.

[2]. Dawood, M.Y. and F.S. Khan-Dawood, Differential suppression of menstrual fluid prostaglandin F2a, prostaglandin E2, 6-keto prostaglandin F1a and thromboxane B2 by suprofen in women with primary dysmenorrhea. Prostaglandins Other Lipid Mediat, 2007. 83(1-2): p. 146-53.

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