

Product Data Sheet

Product Name: Eltenac
Cat. No.: GC47287

Chemical Properties

Cas. No. 72895-88-6

SMILES C1C=C(NC2=CSC=C2CC(O)=O)C(Cl)=CC=C1

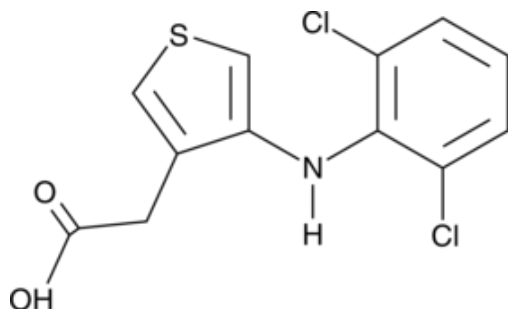
Formula C12H9Cl2NO2S M.Wt 302.2

Solubility DMF: soluble, DMSO: soluble, Methanol: soluble
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

Eltenac is a non-selective COX inhibitor ($IC_{50} = 0.03 \mu M$ for both COX-1 and COX-2 in isolated human whole blood) and a non-steroidal anti-inflammatory drug (NSAID).¹ *In vivo*, eltenac (1 mg/kg) reduces lameness in horses with tendinitis, pododermatitis, navicular disease, non-infectious arthritis, degenerative joint disease, phalanx fracture, and osteochondrosis.² It also reduces castration-induced edema in horses. Formulations containing eltenac have been used in the treatment of postoperative swelling in horses.

1. Klein, T., Dullweber, F., Brehm, C., et al. Characterization of eltenac and novel COX-2 selective

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

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thiopheneacetic acid analogues in vitro and in vivo Biochem. Pharmacol. 76(6)717-725(2008)
2. Prügner, W., Huber, R., and Lühmann, R. Eltenac, a new anti-inflammatory and analgesic drug for horses: clinical aspects J. Vet. Pharmacol. Ther. 14(2)193-199(1991)

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