

Product Data Sheet

Product Name: Isoxicam

Cat. No.: GC39534

Chemical Properties

Cas. No. 34552-84-6

SMILES O=C(C1=C(O)C2=CC=CC=C2S(N1C)(=O)=O)NC3=NOC(C)=C3

Formula $C_{14}H_{13}N_3O_5S$ M.Wt 335.34

Solubility DMSO: 5 mg/mL (14.91 mM) 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.

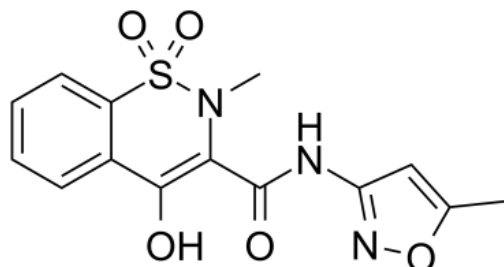
Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Structure



Background

Isoxicam is an orally active, long-acting, non-steroidal anti-inflammatory agent for the research of arthritis[1]. Isoxicam is a nonselective inhibitor of COX-1 and COX-2[2].

[1]. DiPasquale G, et al. The antiinflammatory properties of isoxicam (4-hydroxy-2methyl-N-(5-methyl-3isoxolyl)-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide). Agents Actions. 1975 Aug;5(3):256-63. [2]. Xu S, et al. Oxicams bind in a novel mode to the cyclooxygenase active site via a two-water-mediated H-bonding Network. J Biol Chem. 2014 Mar 7;289(10):6799-808.

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