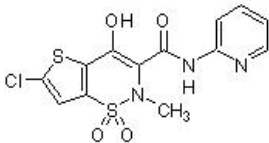


Product datasheet

Lornoxicam, COX-1 and COX-2 inhibitor ab142907

1 Image

Overview

Product name	Lornoxicam, COX-1 and COX-2 inhibitor
Description	Potent COX-1 and COX-2 inhibitor
Biological description	Potent COX-1 and COX-2 inhibitor (IC ₅₀ = 5 and 8 nM for COX-1 and COX-2, respectively). Inhibits IL-6 production and reduces nitric oxide formation. Reduces c-Fos expression <i>in vivo</i> . Orally active. Anti-inflammatory agent. Active <i>in vivo</i> and <i>in vitro</i> .
Purity	> 98%
CAS Number	70374-39-9
Chemical structure	

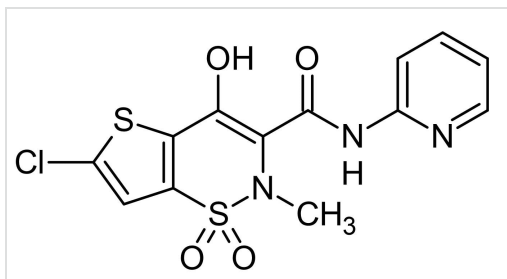
Properties

Chemical name	6-Chloro-4-hydroxy-2-methyl-1,1-dioxo-N-pyridin-2-ylthieno[2,3-e]thiazine-3-carboxamide
Molecular weight	371.82
Molecular formula	C ₁₃ H ₁₀ ClN ₃ O ₄ S ₂
PubChem identifier	54690031
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Toxic, refer to SDS for further information. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	<chem>CN1C(=C(C2=C(S1(=O)=O)C=C(S2)Cl)O)C(=O)NC3=CC=CC=N3</chem>

Source

Synthetic

Images



2D chemical structure image of ab142907, Lomoxicam, COX-1 and COX-2 inhibitor

Chemical Structure - Lomoxicam, COX-1 and COX-2 inhibitor (ab142907)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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