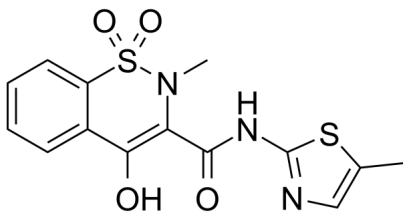


Certificate of Analysis

Catalog Number	BP12811
Product Name	Meloxicam

Physical and Chemical Properties

Synonyms	Metacam, Mobic, Movalis
CAS No.	71125-38-7
Chemical Formula	C ₁₄ H ₁₃ N ₃ O ₄ S ₂
Molecular Weight	351.4
Solubility	Ethanol: <1 mg/mL DMSO: 28 mg/mL (79.7 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	Meloxicam is a Nonsteroidal Anti-inflammatory Drug. The mechanism of action of meloxicam is as a Cyclooxygenase Inhibitor. The chemical classification of meloxicam is Nonsteroidal Anti-inflammatory Compounds.
Targets&IC50	COX-2:0.49 μ M, COX-1:36.6 μ M

Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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