Meloxicam

**Product Information**

- **Product ID**: M1644
- **CAS No.**: 71125-38-7
- **Chemical Name**: 4-hydroxy-2-methyl-N-(5-methyl-2-thiazolyl)-2H-1,2-benzothiazine-3-carboxamide-1, 1-dioxide
- **Synonym**: Metacam, Mobec

**Formula**: C\textsubscript{14}H\textsubscript{13}N\textsubscript{3}O\textsubscript{4}S\textsubscript{2}

**Formula Wt.**: 351.41

**Melting Point**: 254 °C (dec)

**Purity**: ≥98%

**Solubility**: Insoluble in water. Soluble in DMF and DMSO.

**Store Temp**: Ambient

**Ship Temp**: Ambient

**Description**: Meloxicam is a non-steroidal anti-inflammatory drug (NSAID) that inhibits COX-2; it exhibits anti-inflammatory, analgesic, antipyretic, neuroprotective, antioxidative, and hepatoprotective activities. In animal models of Parkinson’s disease, meloxicam inhibits MPTP-induced motor dysfunction and increases levels of tyrosine hydroxylase. In animal models of CCL(4)-induced liver damage, meloxicam increases levels of superoxide dismutase, catalase, and glutathione-S-transferase and decreases levels of malondialdehyde, prostaglandin E2 (PGE2), and activated caspase 3.

**References**


**Caution**: This product is intended for laboratory and research use only. It is not for human or drug use.