

Catalog	Unit
TBI2400-500M	500 m
TBI2400-1G	1 g

### Product Details

**Formal Name:** 4-hydroxy-2-methyl-N-2-pyridinyl-2H-1,2-benzothiazine-3-carboxamide-1,1-dioxide

**Alternate Names:** NSC 666076

**Molecular Formula:** C<sub>15</sub>H<sub>13</sub>N<sub>3</sub>O<sub>4</sub>S

**Formula Weight:** 331.4

**CAS Number:** 36322-90-4

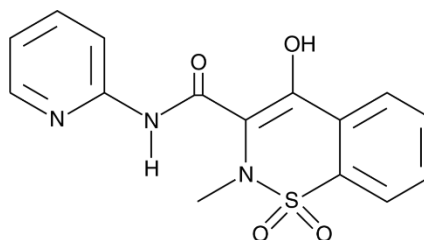
**Purity:** >98%

**Formulation:** powder

**Solubility:** DMF (20 mg/ml), DMSO (20 mg/ml)

**Storage:** -20°C

**Stability:** ≥ 4 years



### Applications

COX-1&2 inhibitor; NSAID

### Functions

Piroxicam is a non-steroidal anti-inflammatory drug used for pain relief. It works by blocking the production of endogenous prostaglandins, which are involved in mediating pain, stiffness, pressure, and swelling. Piroxicam is well-established in the treatment of rheumatoid arthritis and osteoarthritis.

### Application Procedures

First dissolved in DMF (20 mg/ml) or DMSO (20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or DMF may be stored at -20°C for up to 1 month.

**For research use only.**