

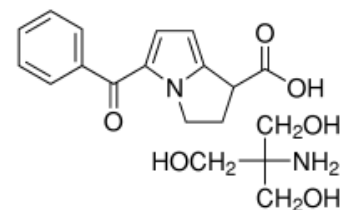
Cat # ABT-530-05
Cat # ABT-530-01

Ketorolac tris salt (Pharma Grade)
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Size: 5 g
Size: 1 g

General Information

Ketorolac or ketorolac tromethamine is a non-steroidal anti-inflammatory drug in the family of heterocyclic acetic acid derivatives, often used as an analgesic, antipyretic, and anti-inflammatory. Ketorolac acts by inhibiting the bodily synthesis of prostaglandins. Ketorolac, in its oral and intramuscular preparations, is a racemic mixture of both (S)-(-)-ketorolac, the active isomer, and (R)-(+)-ketorolac. An ophthalmic solution of ketorolac is available and is used to treat eye pain and to relieve the itchiness and burning of seasonal allergies. The FDA has approved an intranasal formulation of ketorolac tromethamine for short-term management of moderate to moderately severe pain requiring analgesia at the opioid level.



TEST

Appearance (Color)

Appearance (Form)

Solubility (Color)

Solubility (Turbidity)

Proton NMR spectrum

Carbon

Nitrogen

Purity (TLC)

Solubility

SPECIFICATION

White to Off-White

Powder

Colorless to Faint Yellow

Clear

15 mg/mL, H₂O

Conforms to Structure

59.7 - 61.5 %

7.1 - 7.7 %

≥99 %

H₂O: soluble 15 mg/mL

(stable at least one month at -20 °C.)

Molecular Formula:

C₁₈H₁₇N₅O₉

Molecular Weight:

467.51g/mol

ABT-530-01

110520AO

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