

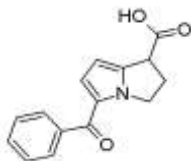
## PRODUCT: Ketorolac

**ALTERNATE NAME:** 5-Benzoyl-2,3-dihydro-1H-pyrrolizine-1-carboxylic acid; Ketorolaco; Ketorolacum

**CATALOG #:** B2170-10, 50

**AMOUNT:** 10 mg, 50 mg

### STRUCTURE:



**MOLECULAR FORMULA:** C<sub>15</sub>H<sub>13</sub>NO<sub>3</sub>

**MOLECULAR WEIGHT:** 255.27

**CAS NUMBER:** 74103-06-3

**APPEARANCE:** White to off-white solid

**SOLUBILITY:** DMSO

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20 °C. Protect from light and light

**DESCRIPTION:** Ketorolac is a synthetic pyrrolizine carboxylic acid derivative with anti-inflammatory, analgesic, and antipyretic activities. Ketorolac non-selectively inhibits the enzymes COX-1 and COX-2. The inhibition of COX-2, up-regulated at sites of inflammation, prevents conversion of arachidonic acid to pro-inflammatory prostaglandins.

**REFERENCES:** Stockwell, J.R., *et al.* (1982). *Aviat Space Environ Med.* **53**, 1011-1013.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

### RELATED PRODUCTS:

Celecoxib (**1574**)  
Cimicoxib (**B1984**)  
COX-2 Inhibitor Screening Kit (**K547**)  
Deracoxib (**B1985**)  
Etoricoxib (**B1983**)  
Firocoxib (**B1986**)  
6-Gingerol (**2507**)  
Ketorolac (**B2170**)  
Loganin (**B1161**)  
Lumiracoxib (**B1987**)  
Mavcoxib (**B1988**)  
Nimesulfide (**2777**)  
Parecoxib sodium (**B1989**)  
Robenacoxib (**B1990**)  
Rofecoxib (**B1982**)  
Valdecoxib (**B1991**)

**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**