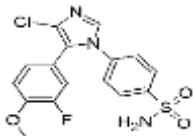


**PRODUCT: Cimicoxib**

**ALTERNATE NAMES:** 4-[4-Chloro-5-(3-fluoro-4-methoxyphenyl)-1H-imidazol-1-yl]benzenesulfonamide; UR-8880; UR8880; Cimicoxib; trade name: Cimalgex

**CATALOG NUMBER:** B1984-5,25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**

**MOLECULAR FORMULA:** C<sub>16</sub>H<sub>13</sub>ClFN<sub>3</sub>O<sub>3</sub>S

**MOLECULAR WEIGHT:** 381.81

**CAS NUMBER:** 265114-23-6

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

**SOLUBILITY:** DMSO

**PURITY:** ≥98% by HPLC

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

**DESCRIPTION:** Cimicoxib is an imidazole derivative and a non-steroidal anti-inflammatory drug (NSAID) that acts as a potent and specific cyclooxygenase-2 (COX-2) inhibitor. Used in veterinary medicine to treat dogs for pain and inflammation associated with osteoarthritis and for the management of pain and inflammation associated with surgery.

**REFERENCES:** Almansa, C., *et al.* (2004). *J. Med. Chem.* **47**, 5579-5582.

**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**)  
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**