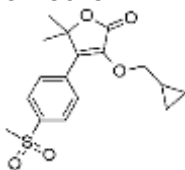


PRODUCT: Firocoxib**ALTERNATE NAMES:** 3-(Cyclopropylmethoxy)-4-(4-methylsulfonylphenyl)-5,5-dimethylfuranone; ML1785713**CATALOG NUMBER:** B1986-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₇H₂₀O₅S**MOLECULAR WEIGHT:** 336.4**CAS NUMBER:** 189954-96-9**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** Firocoxib is a non-steroidal anti-inflammatory drug (NSAID) that acts as a potent and selective cyclooxygenase (COX)-2 inhibitor with an IC₅₀ of 0.13 uM. Displays 58-fold selectivity for COX-2 vs COX-1. A useful veterinary drug.**REFERENCES:** Stock, M.L., *et al. J. Vet. Pharmacol. Ther.* **37**, 457-463.**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**