

Product Name	: Firocoxib
Synonyms	: ML 1785713
Cat No.	: M22006
CAS Number	: 189954-96-9
Molecular Formula	: C ₁₇ H ₂₀ O ₅ S
Formula Weight	: 336.4
Chemical Name	: —
Description	: Firocoxib is a selective non-steroidal inhibitor of cyclooxygenase-2 (COX-2) (IC ₅₀ of 0.13 μM), with anti-inflammatory for use in dogs and horses.
Pathway	: Chromatin/Epigenetic
Target	: COX
Receptor	: COX-2
Solubility	: DMSO:47mg/ml (139.71 Mm)
SMILES	: <chem>CC1(C)OC(=O)C(OCC2CC2)=C1C1=CC=C(C=C1)S(C)(=O)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Stock ML, et al. Pharmacokinetics of firocoxib in preweaned calves after oral and intravenous administration. J Vet Pharmacol Ther. 2014 Oct;37(5):457-63.