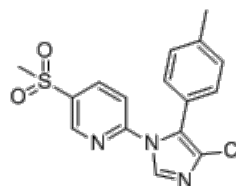


Product Name	: Vitacoxib
Synonyms	: Vitacoxib
Cat No.	: M11543
CAS Number	: 1374128-90-1
Molecular Formula	: C ₁₆ H ₁₄ ClN ₃ O ₂ S
Formula Weight	: 347.82
Chemical Name	: 2-(4-chloro-5-(p-tolyl)-1H-imidazol-1-yl)-5-(methylsulfonyl)pyridine
Description	: A potent, selective COX-2 inhibitor with IC ₅₀ of 0.34 ug/mL, >50-fold selectivity over COX-1 (IC ₅₀ =19.4 ug/mL); a novel nonsteroidal anti-inflammatory drugs for veterinary use.
Pathway	: Chromatin/Epigenetic
Target	: COX
Receptor	: COX
Solubility	: —
SMILES	: <chem>OS(=O)(C)C1=CC=CC=C1N2C(C=C(C)C=C3C(Cl)N=C2)C=C3</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Wang J, et al. Regul Toxicol Pharmacol. 2017 Jun;86:49-58. | 2. Wang J, et al. J Chromatogr B Analyt Technol Biomed Life Sci. 2017 Sep 1;1061-1062:270-274.