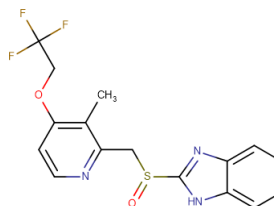


Product Name	: Lansoprazole
Synonyms	: AG-1749
Cat No.	: M10177
CAS Number	: 103577-45-3
Molecular Formula	: C ₁₆ H ₁₄ F ₃ N ₃ O ₂ S
Formula Weight	: 369.36
Chemical Name	: 2-[[3-methyl-4-(2,2,2-trifluoroethoxy)pyridin-2-yl]methylsulfinyl]-1H-benzimidazole
Description	: Lansoprazole is a proton-pump inhibitor (PPI) which prevents the stomach from producing gastric acid.
Pathway	: Membrane Transporter/Ion Channel
Target	: Proton Pump
Receptor	: Proton pump
Solubility	: Ethanol: 14 mg/mL (37.9 mM); DMSO: 74 mg/mL (200.34 mM)
SMILES	: <chem>O=S(C1=NC2=CC=CC=C2N1)CC3=NC=CC(OCC(F)(F)F)=C3C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Gamett WR, et al. Ann PharmacOther, 1996, 30(12), 1425-1436.