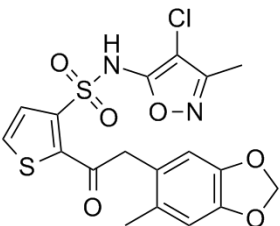


Product Name	: Sitaxsentan	
Synonyms	: IPI-1040; Sitaxentan; TBC-11251	
Cat No.	: M12843	
CAS Number	: 184036-34-8	
Molecular Formula	: C ₁₈ H ₁₅ ClN ₂ O ₆ S ₂	
Formula Weight	: 454.90	
Chemical Name	: 3-Thiophenesulfonamide, N-(4-chloro-3-methyl-5-isoxazolyl)-2-[2-(6-methyl-1,3-benzodioxol-5-yl)acetyl]-	
Description	: A potent, long acting, orally active, selective ETA receptor antagonist that binds competitively to human ETA receptor with K _i of 0.43 nM, IC ₅₀ of 1.4 nM; displays >5,000-fold selectivity over ETB receptors; inhibits ET1-induced stimulation of phosphoinositide turnover with K _i of 0.686 nM, and pA ₂ of 8.0; excellent PK profile and oral bioavailability. Hypertension Withdrawn	
Pathway	: GPCR/G Protein	
Target	: Endothelin Receptor	
Receptor	: Endothelin Receptor	
Solubility	: 10 mM in DMSO	
SMILES	: <chem>CC1=CC2=C(C=C1CC(=O)C3=C(C=CS3)S(=O)(=O)NC4=C(C(=NO4)C)Cl)OCO2</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Wu C, et al. J Med Chem. 1997 May 23;40(11):1690-7. | 2. Wanebo JE, et al. Neurosurgery. 1998 Dec;43(6):1409-17; discussion 1417-8. | 3. Tilton RG, et al. Pulm Pharmacol Ther. 2000;13(2):87-97.