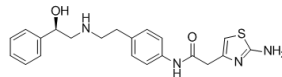


Product Name	: Mirabegron
Synonyms	: YM-178
Cat No.	: M13587
CAS Number	: 223673-61-8
Molecular Formula	: C ₂₁ H ₂₄ N ₄ O ₂ S
Formula Weight	: 396.51
Chemical Name	: 2-(2-Amino-1,3-thiazol-4-yl)-N-[4-(2-[(2R)-2-hydroxy-2-phenylethyl]amino)ethyl]phenyl]acetamide
Description	: Mirabegron is a selective β_3 -adrenoceptor agonist with EC ₅₀ of 22.4 nM.
Pathway	: Endocrinology/Hormones
Target	: Adrenergic Receptor
Receptor	: β_3 -adrenoceptor
Solubility	: Ethanol: 8 mg/mL (20.17 mM); DMSO: 79 mg/mL (199.23 mM)
SMILES	: <chem>O=C(NC1=CC=CC(CCN[C@@H](O)C2=CC=CC=C2)C=C1)CC3=CSC(N)=N3</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Takasu T, et al. J Pharmacol Exp Ther, 2007, 321(2), 642-647.