

Mirabegron, Inhibitor

Mirabegron

CATALOG #
AAA13599

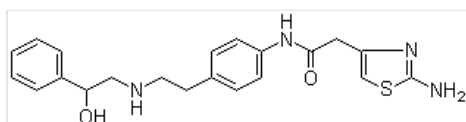
PRODUCT SYNONYMS

Mirabegron; inhibitor

PRODUCT SPECIFICATIONS

Purity/Purification	>98%
Form/Format	Powder
Concentration	0.1 mM: 25.22 mL (1 mg); 126.1 mL (5 mg); 252.2mL (10 mg) 0.5 mM: 5.04 mL (1 mg); 25.22 mL (5 mg); 50.44 mL (10 mg) 1 mM: 2.52 mL (1 mg); 12.61 mL (5 mg); 25.22 mL (10 mg) 5 mM: 0.5 mL (1 mg); 2.52 mL (5 mg); 5.04 mL (10 mg) (varies by lot)
CAS Number	223673-61-8
Formula	C ₂₁ H ₂₄ N ₄ O ₂ S
SMILES	C1=CC=C(C=C1)[C@H](CNCCC2=CC=C(C=C2)NC(=O)CC3=CSC(=N3)N)O
Solubility	(In vitro 25°C) DMSO: 70 mg/mL (176.53 mM) Water: Insoluble Ethanol: 7 mg/mL (17.65 mM) (In vivo) 2% DMSO+30% PEG 300+ddH ₂ O: 10 mg/mL
Solubility Note	*<1 mg/ml means slightly soluble or insoluble. * Please note that Inc. tests the solubility of all compounds in-house, and the actual solubility may differ slightly from published values. This is normal and is due to slight batch-to-batch variations.
Availability	We cannot ship this item to Switzerland, Italy, Germany, France and Austria.
Target	β ₃ -adrenoceptor
Value	22.4 nM(EC ₅₀)
Preparation and Storage	Store lyophilized at -20°C, keep desiccated. In lyophilized form, the chemical is stable for 12 months. In solution, store at -20°C and use within 3 months to prevent loss of potency. Aliquot to avoid multiple freeze/thaw cycles.

IMAGES



Chemical Structure

ADDITIONAL INFORMATION

Related Product Information for Mirabegron, inhibitor	Mirabegron is a potent bladder relaxant and reagent for diabetes remedy.
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NCBI AND UNIPROT INFORMATION

Molecular Weight	396.51
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/inhibitor/mirabegron/13599>