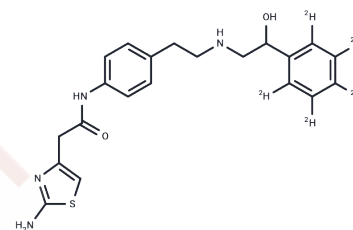


(Rac)-Mirabegron-D5

Chemical Properties

CAS No. :	1215807-38-7
Formula:	C ₂₁ H ₂₄ N ₄ O ₂ S
Molecular Weight:	401.54
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	(Rac)-Mirabegron-D5 is a deuterium labeled (Rac)-Mirabegron. Mirabegron is a selective agonist of β 3-adrenoceptor.
Targets(IC50)	Adenosine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4904 mL	12.4521 mL	24.9041 mL
5 mM	0.4981 mL	2.4904 mL	4.9808 mL
10 mM	0.249 mL	1.2452 mL	2.4904 mL
50 mM	0.0498 mL	0.249 mL	0.4981 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Takasu T, et al. Effect of (R)-2-(2-aminothiazol-4-yl)-4'-{2-[(2-hydroxy-2-phenylethyl)amino]ethyl} acetanilide (YM178), a novel selective beta3-adrenoceptor agonist, on bladder function. J Pharmacol Exp Ther. 2007 May;321(2):642-7.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481