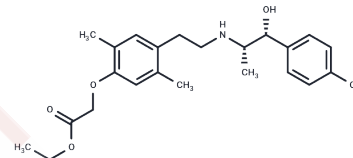


Ritobegron ethyl

Chemical Properties

CAS No. : 255733-81-4
 Formula: C₂₃H₃₁NO₅
 Molecular Weight: 401.5
 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	Ritobegron (also known as KUC-7483) is a potent and selective β_3 -adrenergic receptor agonist. In studies involving transfected human β -AR, Ritobegron exhibits significant and selective agonistic activity towards $\beta(3)$ -AR. In rats, it shows high selectivity for the bladder over other organs. In anesthetized rats, Ritobegron effectively reduces bladder pressure with minimal impact on the cardiovascular system. It holds potential as a compound for treating overactive bladder.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4907 mL	12.4533 mL	24.9066 mL
5 mM	0.4981 mL	2.4907 mL	4.9813 mL
10 mM	0.2491 mL	1.2453 mL	2.4907 mL
50 mM	0.0498 mL	0.2491 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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