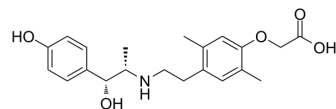


## KUC-7322

Cat. No.:	HY-116169
CAS No.:	255734-04-4
Molecular Formula:	C <sub>21</sub> H <sub>27</sub> NO <sub>5</sub>
Molecular Weight:	373.44
Target:	Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

KUC-7322, a selective  $\beta_3$ -adrenoceptor agonist, is the active form of ritobegron. Ritobegron decreases intravesical pressure with minimal effects on the cardiovascular system.

### REFERENCES

- [1]. Igawa Y, Schneider T, Yamazaki Y, et al. Functional investigation of  $\beta$ -adrenoceptors in human isolated detrusor focusing on the novel selective  $\beta_3$ -adrenoceptor agonist KUC-7322. *Naunyn Schmiedebergs Arch Pharmacol.* 2012;385(8):759-767.
- [2]. Abe Y, Nakano Y, Kanazawa T, Furihata T, Endo T, Kobayashi M. Investigation of Drug-Drug Interactions Between Ritobegron, a Selective  $\beta_3$ -Adrenoceptor Agonist, With Probenecid in Healthy Men. *Clin Pharmacol Drug Dev.* 2016;5(3):201-207.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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