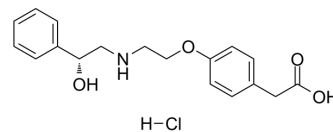


Talibegron hydrochloride

Cat. No.:	HY-15378
CAS No.:	178600-17-4
Molecular Formula:	C ₁₈ H ₂₂ ClNO ₄
Molecular Weight:	351.82
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	Talibegron hydrochloride (ZD2079 hydrochloride) is a potent β ₃ -adrenoceptor agonist with a pD ₂ of 3.72 on phenylephrine-precontracted rat mesenteric artery. Talibegron hydrochloride has potent vasorelaxant effect ^[1] .
In Vitro	Talibegron hydrochloride (ZD2079 hydrochloride; 0.01-1000 μM) produces a concentration-dependent relaxation of phenylephrine-precontracted isolated mesenteric arteries and causes full relaxation with 1 mM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Hanna Kozłowska, et al. Atypical beta-adrenoceptors, different from beta 3-adrenoceptors and probably from the low-affinity state of beta 1-adrenoceptors, relax the rat isolated mesenteric artery. Br J Pharmacol. 2003 Sep;140(1):3-12.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA