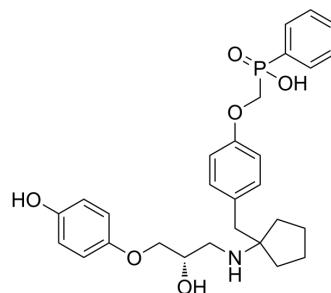


SB251023

Cat. No.:	HY-119497
CAS No.:	208842-53-9
Molecular Formula:	C ₂₈ H ₃₄ NO ₆ P
Molecular Weight:	511.55
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	SB251023 is a β 3-adrenergic receptor agonist with pEC ₅₀ values of 7.14 and 6.91 for the β 3a- and β 3b-adrenergic receptors, respectively. SB251023 is capable of modulating cyclic AMP levels and extracellular acidification rate (EAR) in cells. It has potential application value in the study of cardiovascular diseases and metabolic-related disorders ^[1] .
IC ₅₀ & Target	Beta-3 adrenergic receptor

REFERENCES

[1]. Hutchinson D S, et al. Mouse β 3a- and β 3b-adrenoceptors expressed in Chinese hamster ovary cells display identical pharmacology but utilize distinct signalling pathways[J]. British journal of pharmacology, 2002, 135(8): 1903-1914.

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