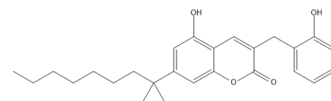


PSB-SB-487

Cat. No.:	HY-125111
CAS No.:	1399049-81-0
Molecular Formula:	C ₂₆ H ₃₂ O ₄
Molecular Weight:	408.53
Target:	GPR55; Cannabinoid Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PSB-SB-487 is a potent GPR55 antagonist and CB ₂ agonist with an IC ₅₀ value of 0.113 μM for GPR55, and a K _i value of 0.292 μM for human CB ₂ . PSB-SB-487 can be used for researching diabetes, Parkinson's disease, neuropathic pain, and cancer ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.113 μM (GPR55) ^[1] K _i : 0.292 μM (CB ₂) ^[1]

REFERENCES

[1]. Viktor Rempel, et al. Antagonists for the orphan G-protein-coupled receptor GPR55 based on a coumarin scaffold. J Med Chem. 2013 Jun 13;56(11):4798-810.

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

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