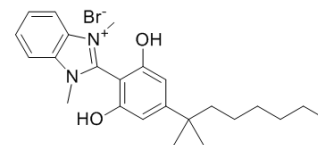


AM9405

Cat. No.:	HY-112707
Molecular Formula:	C ₂₄ H ₃₃ BrN ₂ O ₂
Molecular Weight:	461.44
Target:	Cannabinoid Receptor; 5-HT Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	AM9405 is a novel peripherally active cannabinoid type 1 (CB1) and serotonin type 3 receptor agonist. AM9405 inhibits twitch contraction of the ileum and the colon with IC ₅₀ s of 45.71 and 0.076 nM, respectively.
IC ₅₀ & Target	IC ₅₀ : 45.71 nM (CB1), 0.076 nM (serotonin type 3) ^[1]

REFERENCES

[1]. Salaga M, et al. The novel peripherally active cannabinoid type 1 and serotonin type 3 receptor agonist AM9405 inhibits gastrointestinal motility and reduces abdominal pain in mouse models mimicking irritable bowel syndrome. *Eur J Pharmacol.* 2018 Oct 5;836:34-43.

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

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