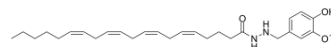


OMDM-6

Cat. No.:	HY-135882
CAS No.:	616884-67-4
Molecular Formula:	C ₂₈ H ₄₂ N ₂ O ₃
Molecular Weight:	454.64
Target:	TRP Channel; Cannabinoid Receptor; Endogenous Metabolite
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling; GPCR/G Protein; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	OMDM-6 is a hybrid agonist of vanilloid receptor type 1 (VR1, TRPV1) (EC ₅₀ =75 nM) and cannabinoid receptor type 1 (CB1) (K _i =3.2 μM). OMDM-6 inhibits anandamide cellular uptake (ACU) with a K _i of 7.0 μM ^[1] .
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IC ₅₀ & Target	EC ₅₀ : 75 nM (vanilloid receptor type 1), K _i : 3.2 μM (cannabinoid receptor type 1), K _i : 7.0 μM (anandamide cellular uptake) ^[1]
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REFERENCES

[1]. Ortar G, et al. Novel selective and metabolically stable inhibitors of anandamide cellular uptake. *Biochem Pharmacol.* 2003 May 1;65(9):1473-81.

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