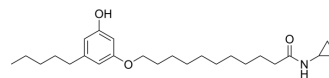


CB-25

Cat. No.:	HY-121541
CAS No.:	869376-63-6
Molecular Formula:	C ₂₅ H ₄₁ NO ₃
Molecular Weight:	403.6
Target:	Cannabinoid Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (247.77 mM)
* "≥" means soluble, but saturation unknown.

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.4777 mL	12.3885 mL	24.7770 mL
5 mM	0.4955 mL	2.4777 mL	4.9554 mL
10 mM	0.2478 mL	1.2389 mL	2.4777 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

CB-25 is a ligand of CB1 cannabinoid receptors, acting as a partial agonist. CB-25 enhances Forskolin (HY-15371)-induced cAMP formation in cancer cells but not hCB1-CHO cells^[1].

REFERENCES

[1]. Cascio MG, et al. In vitro and in vivo pharmacology of synthetic olivetol- or resorcinol-derived cannabinoid receptor ligands. Br J Pharmacol. 2006 Oct;149(4):431-40.

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