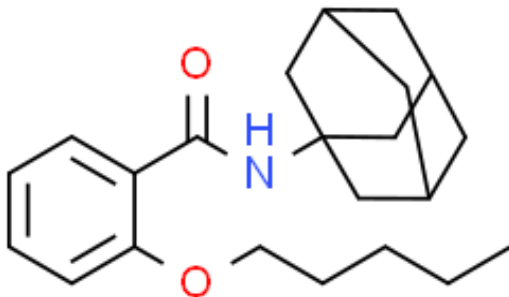


## Product Data Sheet

Cas No.:	2876918-67-9	Cat. No:	PL09470
Product Name:	CB2R/FAAH modulator-3		
Product synonym:	-		
Chemical name:	CB2R/FAAH modulator-3		
MF:	C22H31NO2	FW:	341.487046480179
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	C(NC12CC3CC(CC(C3)C1)C2)(=O)C1=CC=CC=C1OCCCCC		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

## Product Description

CB2R/FAAH modulator-3 (compound 27) 是一种双重靶向调节剂，可以作为 CB2R 激动剂和 FAAH 抑制剂。CB2R/FAAH modulator-3 作用于 CB2R 和 CB1R 的  $K_i$  值分别是 20.1 和 67.6 nM，作用于 FAAH 的  $IC_{50}$  值为 3.4  $\mu$ M。CB2R/FAAH modulator-3 可用于癌症、神经退行性疾病中发生的有害炎症级联反应以及 COVID-19 感染相关研究。

生物活性	CB2R/FAAH modulator-3 (compound 27) is a dual targeting modulator that acts as a CB2R agonist and FAAH inhibitor. The $K_i$ values for CB2R/FAAH modulator-3 are 20.1 and 67.6 nM for CB2R and CB1R, respectively, and the $IC_{50}$ value for FAAH is 3.4 $\mu$ M. CB2R/FAAH modulator-3 can be used in studies related to cancer, deleterious inflammatory cascades occurring in neurodegenerative diseases, and COVID-19 infection.
IC50 & Target[1][2]	CB1 67.6 nM ( $K_i$ ) CB2 20.1 nM ( $K_i$ )
体外研究(In Vitro)	CB2R/FAAH modulator-3 (compound 27)(10 $\mu$ M) 在未刺激的单核细胞和巨噬细胞中，可以降低促炎细胞因子 $TNF\alpha$ 、 $IFN-\gamma$ 、 $IL-1\beta$ 和 $IL6$ 的产生。 has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	Powder -20°C 3 years; In solvent -80°C 6 months

溶解度数据	In Vitro: DMSO : 50 mg/mL (146.42 mM; Need ultrasonic)配制储备液
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