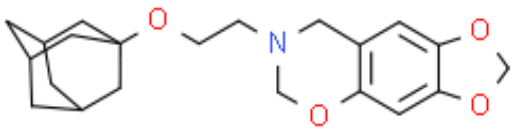
Product Data Sheet

Cas No.:	688352-84-3	Cat. No:	PL02531
Product Name:	R243		
Product synonym:	-		
Chemical name:	R243		
MF:	C21H27NO4	FW:	357.443386316299
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	O(CCN1COC2C=C3C(=CC=2C1)OCO3)C12CC3CC(CC(C3)C1)C2		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

R243 是一种有效的选择性的 CCR8 拮抗剂。R243 可抑制 CCL_1/CCR8 的相互作用，并抑制 CCR8 信号传导和趋化性。R243 具有抗伤害感受和抗炎作用。

生物活性	R243 is a potent and selective CCR8 antagonist. R243 inhibits CCL 1 /CCR8 interaction and inhibits CCR8 signaling and chemotaxis. R243 has antinociceptive and anti-inflammatory effects.
IC50 & Target[1][2]	CCR8
体外研究(In Vitro)	R243 has CCR8-antagonistic effects on CCL1-induced Ca2+ flux and CCL1-driven peritoneal macrophages aggregation. R243 attenuates secretion of TNF-α, IL-6, and most strikingly IL-10 from wild-type peritoneal macrophages (WT PMϕ). R243-treated WT PMϕ shows suppressed c-jun N-terminal kinase activity and NF-κB signaling after lipopolysaccharide (LPS) treatment when compared with WT PMϕ. has not independently confirmed the accuracy of these methods. They are for reference only.
体内研究(In Vivo)	R243 (0.1-1 mg/kg; intraperitoneal injection; once; male Swiss mice) treatment inhibits the analgesic effect evoked by CCL 1 in a dose-dependent manner. has not independently confirmed the accuracy of these methods. They are for reference only. Animal Model:

包装储存	Powder -20°C 3 years； 4°C 2 years
溶解度数据	In Vitro: DMSO : 125 mg/mL (349.71 mM; Need ultrasonic)配制储备液