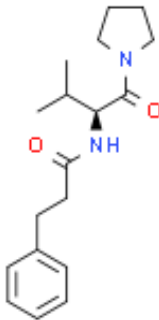


Product Data Sheet

Cas No.:	566914-00-9	Cat. No:	PL07596
Product Name:	TLR1		
Product synonym:	4-(4-氟苯氧基)苄胺 盐酸盐;;N-[(1S)-2-甲基-1-(1-吡咯烷羰基)丙基]-苯丙酰胺		
Chemical name:	TLR1		
MF:	C18H26N2O2	FW:	302.411244869232
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	CC([C@H](NC(CCC1=CC=CC=C1)=O)C(N2CCCC2)=O)C		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

TLR1 (compound 4a) 是一种低分子量的，细胞穿透 Toll/IL-1 receptor/resistance (TIR) domain/BB-Loop 模拟物。TLR1 抑制 IL-1 受体介导的反应。

生物活性	TLR1 (compound 4a) is a low molecular weight, cell-penetrating Toll/IL-1 receptor/resistance (TIR) domain/BB-Loop mimic. TLR1 inhibits IL-1 receptor-mediated responses.
体外研究(In Vitro)	TLR1 inhibits IL-1β-induced phosphorylation of the mitogen-activated protein kinase p38 in EL4 thymoma cells and in freshly isolated murine lymphocytes in a concentration-dependent manner. has not independently confirmed the accuracy of these methods. They are for reference only.
体内研究(In Vivo)	TLR1 interferes with the interactions between mouse MyD88 and IL-1RI at the TIR domains. TLR1 produces a significant attenuation of the IL-1β-induced fever response (200 mg/kg, i.p.). has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	Solution, -20°C, 2 years
溶解度数据	In Vitro: DMSO : 100 mg/mL (330.68 mM; Need ultrasonic)In Vivo: