
PA-8

产品编号: D59458

CAS: 878437-15-1

分子式: C₁₇H₁₈N₄O₄

纯度: 97.64%

InChi Key: InChiKey=DCSWTWUTSKSXOV-UHFFFAOYSA-N

Smiles: COC1=CC(=CC=C1OCC=C)C1CC(=O)NC2=C1C(=O)NC(N)=N2

外观: 固体粉末

作用通路: Immunology/Inflammation

作用靶点: Others

溶解性: DMSO : 22.5 mg/mL (65.7 mM; ultrasonic and warming and heat to 60°C)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: PA-8 is a small molecule receptor antagonist for PACAP Type I (PAC1) that is selective, effective, and orally active. PA-8 inhibits PacAP-induced CREB phosphorylation at PAC1-receptors, but does not inhibit VPAC1- or vpac2 receptors. PA-8 also inhibited PacAP-induced elevation of cAMP levels in vitro (IC₅₀ = 2 nM) and PacAP-induced aversive response and mechanical atopic pain after intrathecal injection in vivo.