
4-P-PDOT

产品编号: D62049

CAS: 134865-74-0

分子式: C₁₉H₂₁NO

纯度: 98%

InChi Key: InChiKey=RCYLUNPFECYGDW-UHFFFAOYSA-N

Smiles: CCC(=O)NC1CC(C2=CC=CC=C2C1)C3=CC=CC=C3

外观: 固体粉末

作用通路: GPCR/GProtein

作用靶点: Melatonin Receptor; MT Receptor

溶解性: Soluble in DMSO

保存条件: -20°C

产品介绍: 4-P-PDOT is a potent, selective and affinity Melatonin receptor (MT₂) antagonist. 4-P-PDOT is >300-fold more selective for MT₂ than MT₁. 4-P-PDOT significantly counteracts Melatonin-mediated antioxidant effects (GSH/GSSG ratio, phospho-ERK, Nrf2 nuclear translocation, Nrf2 DNA-binding activity)