
PS48

产品编号: D50723

CAS: 1180676-32-7

分子式: C₁₇H₁₅ClO₂

纯度: ≥98%

InChi: InChi=1S/C₁₇H₁₅ClO₂/c18-16-10-7-13(8-11-16)6-9-15(12-17(19)20)14-4-2-1-3-5-14/h1-5,7-8,10-12H,6,9H2,(H,19,20)/b15-12-

InChi Key: LLJYFDRQFPQGNQY-QINSGFPZSA-N

Smiles: OC(=O)C=C(CCC1C=CC(Cl)=CC=1)C1C=CC=CC=1

外观: 固体粉末

作用通路: Autophagy

溶解性: DMSO up to 100 mM

保存条件: Store in dry, dark place for one year.

产品介绍: PS48 is a novel PDK1 (phosphoinositide-dependent protein kinase 1) activator (K_d = 10.3 μM), which binds to the HM/PIF binding pocket rather than the ATP-binding site. PS48 has been used to enhance iPSC reprogramming from human epidermal keratinocytes and endothelial cells.