
KM 11060

产品编号: D51251

CAS: 774549-97-2

分子式: C₁₉H₁₇Cl₂N₃O₂S

纯度: ≥98%

InChi: InChi=1S/C₁₉H₁₇Cl₂N₃O₂S/c20-14-1-4-16(5-2-14)27(25,26)24-11-9-23(10-12-24)19-7-8-22-18-13-15(21)3-6-17(18)19/h1-8,13H,9-12H2

InChi Key: GIEHIZKCIZLXL-FUHFFFAOYSA-N

Smiles: O=S(=O)(C1C=CC(Cl)=CC=1)N1CCN(CC1)C1=CC=NC2=CC(Cl)=CC=C12

外观: 固体粉末

作用通路: Autophagy

溶解性: Soluble in DMSO, not in water

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

产品介绍: KM11060 is a mutated F508del cystic fibrosis transmembrane conductance regulator (CFTR) corrector. The most common mutation (~90%) in the CFTR gene is a deletion of phenylalanine 508 (F508del). KM11060 is an analog of sildenafil, which restores a function of the F508del mutated CFTR chloride channel. KM11060 appears to be more potent than sildenafil, forskolin, and genistein.