
(E/Z)-GO289

产品编号: D56583

CAS: 694522-87-7

分子式: C₁₇H₁₅BrN₄O₂S

纯度: 99.68%

InChi Key: InChIKey=DARDDBZKGVEVKB-UHFFFAOYSA-N

Smiles: COc(c(O)c1)cc(C=Nn2c(SC)nnc2-c2ccccc2)c1Br

外观: 固体粉末

作用通路: Metabolism; Stem Cells

作用靶点: Casein Kinase

溶解性: DMSO: 8.13 mg/ml (19.38 mM)

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

产品介绍: (E/Z)-GO289, which strongly lengthened circadian period, is a potent and selective inhibitor of CK2. (E/Z)-GO289 exhibited cell type-dependent inhibition of cancer cell growth that correlated with cellular clock function. The discovery of (E/Z)-GO289 provides a direct link between the circadian clock and cancer regulation and reveals unique design principles underlying kinase selectivity.