
3PO

产品编号: D51671

CAS: 18550-98-6

分子式: C₁₃H₁₀N₂O

纯度: ≥98%

InChi: InChI=1S/C₁₃H₁₀N₂O/c16-13(12-5-8-14-9-6-12)4-3-11-2-1-7-15-10-11/h1-10H/b4-3+

InChi Key: UOWGYMNWMDNSTL-ONEGZZNKSA-N

Smiles: O=C(C=CC1C=NC=CC=1)C1C=CN=CC=1

外观: 固体粉末

作用通路: Others

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: 3PO is a PFKFB3 (6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase) inhibitor. 3PO reduces glycolytic flux and suppresses glucose uptake. 3PO may be useful agents in combination with other drugs that inhibit cancer cell proliferation. PFKFB3 inhibitors suppress glucose uptake, which in turn causes an increase in autophagy. The addition of selective inhibitors of autophagy to 3PO and its more potent derivatives may prove useful as rational combinations for the treatment of cancer. Note: this product has been assigned 2 CAS#: 18550-98-6 and 13309-08-5,