
CK-636

产品编号: D51329

CAS: 442632-72-6

分子式: C₁₆H₁₆N₂O₂S

纯度: ≥98%

InChi: InChI=1S/C₁₆H₁₆N₂O₂S/c1-11-12(13-5-2-3-6-14(13)18-11)8-9-17-16(19)15-7-4-10-20-15/h2-7,10,18H,8-9H₂,1H₃,1H,17,19

InChi Key: ACAKNPKRLPMONU-UHFFFAOYSA-N

Smiles: CC1NC2=CC=CC=C2C=1CCNC(=O)C1=CC=CS1

外观: 固体粉末

作用通路: Arp2/3 Complex

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: CK-636 is a Arp2/3 complex inhibitor. CK-636 binds between Arp2 and Arp3, where it appears to block movement of Arp2 and Arp3 into their active conformation. CK-636 inserts into the hydrophobic core of Arp3 and alters its conformation. Polymerization of actin filaments directed by the actin-related protein (Arp)2/3 complex supports many types of cellular movements. CK-636 may be a powerful tool compound for studying the Arp2/3 complex in living cells.