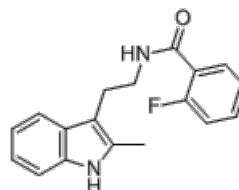


Product Name : CK 666
Synonyms : CK 0944666
Cat No. : M14508
CAS Number : 442633-00-3
Molecular Formula : C₁₈H₁₇FN₂O
Formula Weight : 296.35
Chemical Name : 2-fluoro-N-[2-(2-methyl-1H-indol-3-yl)ethyl]benzamide



Description : CK 666 (CK 0944666) is a small molecule Arp2/3 complex inhibitor with IC₅₀ of 4 uM, inhibits actin polymerization with either BtArp2/3 complex (IC₅₀=17 uM) or SpArp2/3 complex (IC₅₀=5 uM); reduces actin polymerization around intracellular *Listeria* to background levels (Fig. 2e and g) at lower concentrations than CK-636; alters the morphology and slightly slowed but did not stop the gliding motility of fish keratocytes

Pathway : Cytoskeleton/Cell Adhesion Molecules

Target : Arp2/3 complex

Receptor : Arp2/3 complex

Solubility : DMSO : 125 mg/mL 421.81 mM

SMILES : CC1=C(C2=CC=CC=C2N1)CCNC(=O)C3=CC=CC=C3F

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Hetrick B, et al. Chem Biol. 2013 May 23;20(5):701-12. | 2. Nolen BJ, et al. Nature. 2009 Aug 20;460(7258):1031-4. | 3. Yi K, et al. Nat Cell Biol. 2011 Aug 28;13(10):1252-8.