

Catalog	Unit
TBI3346-5MG	5 mg
TBI3346-25MG	25 mg

Product Details

Formal Name: 2-Fluoro-N-[2-methyl-1H-indol-3-yl]ethylbenzamide

Molecular Formula: C₁₈H₁₇FN₂O

Formula Weight: 296.34

CAS Number: 442633-00-3

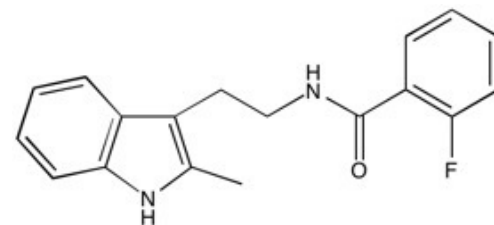
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 45 mg/ml) or in Ethanol (up to 30 mg/ml).

Storage: -20°C

Stability: ≥ 1 year.



Applications

ARP2/3 inhibitor

Functions

A potent, selective and reversible inhibitor of ARP2/3 complex (actin related proteins 2 and 3) with an IC₅₀ = 4 μM for human ARP2/3. Blocks actin nucleation and radically alters lamellipodial actin architecture, suspended cell shape and the cell spreading process. CK-666 attenuates BBB dysfunction induced by methamphetamine. It is an important new tool for studying actin assembly and the diverse range of actin-related processes in normal and pathophysiology.

Application Procedures

First dissolved in DMSO (up to 45 mg/ml) or in Ethanol (up to 30 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

For research use only.