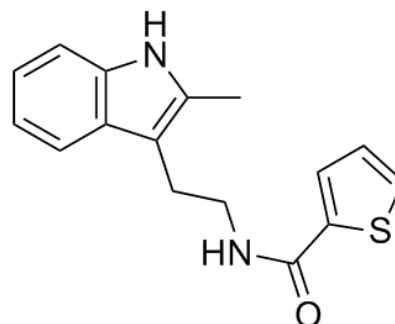


Product Name : CK-636
Cat. No. : PC-44784
CAS No. : 442632-72-6
Molecular Formula : C₁₆H₁₆N₂OS
Molecular Weight : 284.376
Target : Arp2/3 complex
Solubility : DMSO: ≥ 49 mg/mL



Biological Activity

A small molecule **Arp2/3 complex** inhibitor that inhibits actin polymerization stimulated by fission yeast Arp2/3 complex (SpArp2/3 complex, IC₅₀ = 24 μM); inhibits formation of actin filament comet tails by *Listeria* and podosomes by monocytes.

References

- Nolen BJ, et al. *Nature*. 2009 Aug 20;460(7258):1031-4.
Zhou K, et al. *Proc Natl Acad Sci U S A*. 2013 Oct 1;110(40):E3820-9.
Weeks HP, et al. *Anticancer Res*. 2016 Mar;36(3):1135-42.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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