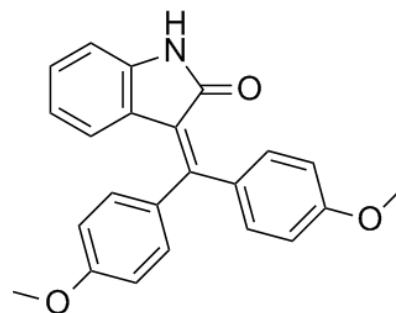


Product Name : TAS-301
Cat. No. : PC-45578
CAS No. : 193620-69-8
Molecular Formula : C₂₃H₁₉NO₃
Molecular Weight : 357.4019
Target : Focal Adhesion Kinase (FAK)
Solubility : DMSO: ≥ 38 mg/mL



Biological Activity

TAS-301 is an inhibitor of smooth muscle cell migration and proliferation, inhibits PDGF-induced tyrosine phosphorylation of both **FAK** and paxillin.

TAS-301 also inhibits PDGF-induced elevation of [Ca²⁺]_i and activation of CaMK II, reduces the extent of F-actin stress fiber depolymerization observed in response to PDGF at 10 μM.

References

Sasaki E, et al. J Pharmacol Exp Ther. 2000 Dec;295(3):1043-50.

Muranaka Y, et al. J Pharmacol Exp Ther. 1998 Jun;285(3):1280-6.

Sasaki E, et al. Pharmacology. 2001 Jul;63(1):17-27.

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

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