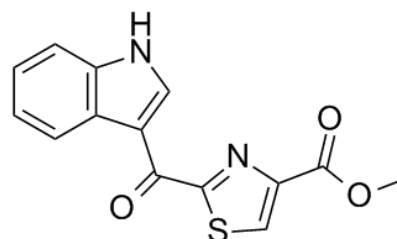


Product Name : ITE
Cat. No. : PC-45600
CAS No. : 448906-42-1
Molecular Formula : C₁₄H₁₀N₂O₃S
Molecular Weight : 286.3058
Target : Aryl hydrocarbon Receptor (AhR)
Solubility : DMSO: ≥ 41 mg/mL



Biological Activity

A endogenous ligand, potent aryl hydrocarbon receptor (**AhR**) agonist in vitro; activates the murine AhR in vivo, but does not induce toxicity; induces the differentiation of stem-like cancer cells and reduces their tumorigenic potential in both subcutaneous and orthotopic xenograft tumour models.

References

Henry EC, et al. Toxicol Sci. 2010 Mar;114(1):90-100.

Wang K, et al. Cancer Lett. 2013 Oct 28;340(1):63-71.

Cheng J, et al. Nat Commun. 2015 Jun 10;6:7209.

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

E-mail: tech@probechem.com