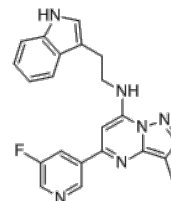


Product Name : KYN-101
Cat. No. : PC-38597
CAS No. : 2247950-73-6
Molecular Formula : C₂₂H₁₉FN₆
Molecular Weight : 386.434
Target : Aryl hydrocarbon Receptor (AhR)
Solubility : 10 mM in DMSO



Biological Activity

KYN-101 (KYN101) is a potent, selective synthetic antagonist of **aryl hydrocarbon receptor** (AHR) with IC₅₀ of 22 nM in human HepG2 DRE-luciferase reporter assay and 23 nM in murine Hepa1 Cyp-luc assay.

KYN-101 reverses IDO/TDO-mediated tumor progression and improves the efficacy of PD-1 blockade in B16 IDO tumor-bearing mice, as well as CT26 colorectal cancer model expressing endogenous high levels of IDO.

References

Luis Felipe Campesato, et al. **Nat Commun.** 2020 Aug 11;11(1):4011.

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

E-mail: tech@probechem.com