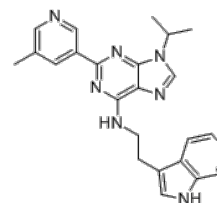


Product Name : GNF-351
Cat. No. : PC-60390
CAS No. : 1227634-69-6
Molecular Formula : C₂₄H₂₅N₇
Molecular Weight : 411.5
Target : Aryl hydrocarbon Receptor (AhR)
Solubility : 10 mM in DMSO



Biological Activity

GNF-351 is a potent, pure aryl hydrocarbon receptor (**AHR**) antagonist (IC₅₀=62 nM) devoid of partial agonist potential. GNF-351 antagonizes agonist and SAhRM-mediated suppression of SAA1, inhibits both DRE-dependent and -independent activity.

GNF-351 decreases migration and invasion of HNSCC cells and prevents benzo[a]pyrene-mediated induction of the chemotherapy efflux protein ABCG2.

References

- Smith KJ, et al. *J Pharmacol Exp Ther*. 2011 Jul;338(1):318-27.
Fang ZZ, et al. *Br J Pharmacol*. 2014 Apr;171(7):1735-46.
DiNatale BC, et al. *Mol Cancer Res*. 2012 Oct;10(10):1369-79.

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

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