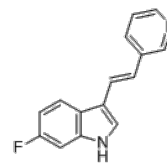


Product Name : 680C91
Cat. No. : PC-49666
CAS No. : 163239-22-3
Molecular Formula : C₁₅H₁₁FN₂
Molecular Weight : 238.27
Target : Tryptophan 2,3-Dioxygenase (TDO)
Solubility : 10 mM in DMSO



Biological Activity

680C91 is a potent and selective inhibitor of **tryptophan 2,3-dioxygenase (TDO)** with K_i of 51 nM.

680C91 displays no activity against indoleamine 2,3-dioxygenase, monoamine oxidase A and B, 5-HT uptake or 5-HT_{1A}, 1D, 2A and 2C receptors.

680C91 produces large increases in brain tryptophan and serotonin in vitro and in vivo in rats.

References

Salter M, et al. *Neuropharmacology*. 1995 Feb;34(2):217-27.

Salter M, et al. *Biochem Pharmacol*. 1995 May 17;49(10):1435-42.

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

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