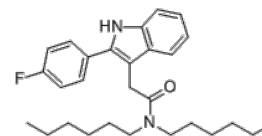


Product Name : FGIN-1-27
Cat. No. : PC-72081
CAS No. : 142720-24-9
Molecular Formula : C₂₈H₃₇N₂O
Molecular Weight : 436.615
Target : Translocator Protein (TSPO)
Solubility : 10 mM in DMSO



Biological Activity

FGIN-1-27 (FGIN 1-27) is an anxiolytic compound that acts as a selective agonist at the peripheral benzodiazepine receptor (**TSPO**) with K_i of 5 nM.

FGIN-1-27 inhibited Th17 cell differentiation, significantly downregulated the expression of ROR γ t target genes, notably IL17a, IL17f, IL23r, Ltb4r1, Ccr6.

FGIN-1-27 protected mice against EAE, induced amino acid starvation response (AAR).

FGIN-1-27 produced anti-anxiety and anti-panic effects in non-mammalian models.

References

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Rosenberg N, et al. *Exp Clin Endocrinol Diabetes.* 2018 Feb;126(2):77-84.

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

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