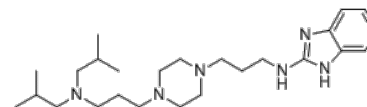


Product Name : Ezeprogind free base
Cat. No. : PC-38100
CAS No. : 615539-20-3
Molecular Formula : C₂₅H₄₄N₆
Molecular Weight : 428.669
Target : Toll-like Receptor (TLR)
Solubility : 10 mM in DMSO



Biological Activity

Ezeprogind (AZP2006) is a lysotropic molecule with neuroprotective effects, binds to **PGRN/PSAP** complex with higher affinity (K_d=201 nM) than PSAP (K_d=624 nM), inhibits **TLR9** receptors.

AZP2006 prevents neuronal death induced by Aβ injury, and reduces the associated microglial activation in rat cortical neurons.

AZP2006 prevent Aβ₂₅₋₃₅ damages in AD mice model.

AZP2006 significantly improved senescence behavior and markers in SAMP8 mice.

References

N Callizot, et al. *Sci Rep.* 2021 Aug 19;11(1):16806.

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

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