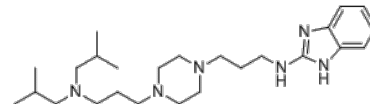


**Product Name** : Ezeprogind free base  
**Cat. No.** : PC-38100  
**CAS No.** : 615539-20-3  
**Molecular Formula** : C<sub>25</sub>H<sub>44</sub>N<sub>6</sub>  
**Molecular Weight** : 428.669  
**Target** : Toll-like Receptor (TLR)  
**Solubility** : 10 mM in DMSO



### Biological Activity

Ezeprogind (AZP2006) is a lysotropic molecule with neuroprotective effects, binds to **PGRN/PSAP** complex with higher affinity (K<sub>d</sub>=201 nM) than PSAP (K<sub>d</sub>=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 Aβ<sub>25-35</sub> 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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