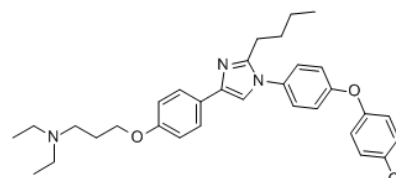


**Product Name** : Azeliragon  
**Cat. No.** : PC-45840  
**CAS No.** : 603148-36-3  
**Molecular Formula** : C<sub>32</sub>H<sub>38</sub>ClN<sub>3</sub>O<sub>2</sub>  
**Molecular Weight** : 532.116  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



### Biological Activity

Azeliragon (TTP488, PF-04494700) is an orally bioavailable small molecule inhibitor of **RAGE**, inhibits sRAGE from binding to RAGE ligands, S100b, amphoterin and carboxymethyl-lysine.

Azeliragon (TTP488, PF-04494700) has been shown to inhibit the binding of sRAGE to A $\beta$ 1-42 in a fluorescent polarization assay.

Azeliragon (TTP488, PF-04494700) reduces accumulation in the spleen of A $\beta$  peptides and the expression of IL-6 and macrophage colony stimulating factor, reduces both inflammatory markers (TNF- $\alpha$ , TGF- $\beta$  and IL-1) and CNS amyloid deposition.

### References

Sabbagh MN, et al. *Alzheimer Dis Assoc Disord.* 2011 Jul-Sep;25(3):206-12.

Chen Y, et al. *J Immunol.* 2008 Sep 15;181(6):4272-8.

Burstein AH, et al. *BMC Neurol.* 2014 Jan 15;14:12.

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

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