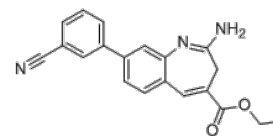


**Product Name** : TL8-506  
**Cat. No.** : PC-20228  
**CAS No.** : 1268163-15-0  
**Molecular Formula** : C<sub>20</sub>H<sub>17</sub>N<sub>3</sub>O<sub>2</sub>  
**Molecular Weight** : 331.38  
**Target** : Toll-like Receptor (TLR)  
**Solubility** : 10 mM in DMSO



## Biological Activity

TL8-506 is a potent, selective **TLR8** agonist with EC<sub>50</sub> of 30 nM for inducing NF-κB activation in TLR8-transfected HEK293 cells.

TL8-506 is also a TLR8 ligand more potent than resiquimod and 3M-002.

## References

Cindy Patinote, et al. *Eur J Med Chem*. 2020 May 1; 193: 112238.

Patra MC, et al. *Cells*. 2020 Jul 9;9(7):1648.

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

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