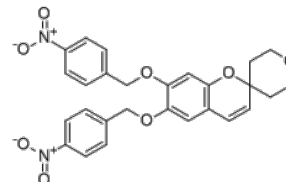


**Product Name** : CU-CPT17e  
**Cat. No.** : PC-20231  
**CAS No.** : 2109805-75-4  
**Molecular Formula** : C<sub>27</sub>H<sub>24</sub>N<sub>2</sub>O<sub>8</sub>  
**Molecular Weight** : 504.50  
**Target** : Toll-like Receptor (TLR)  
**Solubility** : 10 mM in DMSO



### Biological Activity

CU-CPT17e is a **multi-TLR** agonist with EC<sub>50</sub> of 4.8 μM, 13.4 μM and 5.7 μM for strong NF-κB activation on hTLR 3, 8 and 9 respectively.

CU-CPT17e shows negligible or no NF-κB activation via hTLR 2, 4, 5 and 7.

CU-CPT17e also exhibits significant cytotoxic activity, inhibiting the growth of cervical HeLa cancer cells (IC<sub>50</sub> = 2.7 μM) by inducing apoptosis.

### References

Zhang L, et al. *J Med Chem*. 2017;60:5029–5044.

Anindya Sarkar, et al. *Med Chem Res*. 2021 Jul;30(7):1377-1385.

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

E-mail: tech@probechem.com