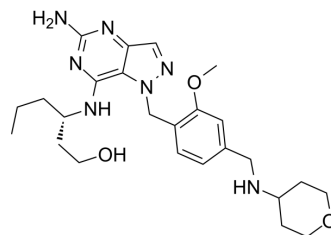


## TLR7 agonist 17

Cat. No.:	HY-162115
CAS No.:	2410517-32-5
Molecular Formula:	C <sub>25</sub> H <sub>37</sub> N <sub>7</sub> O <sub>3</sub>
Molecular Weight:	483.61
Target:	Toll-like Receptor (TLR)
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	TLR7 agonist 17 (compound 20) is a potent TLR7 agonist with EC <sub>50</sub> values of 12 nM and 17 nM for hTLR7 and mTLR7, respectively. TLR7 agonist 17 shows anticancer activity <sup>[1]</sup> .	
IC <sub>50</sub> & Target	human TLR7 12 nM (EC50)	mTLR7 17 nM (EC50)

### REFERENCES

[1]. Yam B. Poudel, et al. Discovery of Novel TLR7 Agonists as Systemic Agent for Combination With aPD1 for Use in Immuno-oncology. CS Med. Chem. Lett. 2024.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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