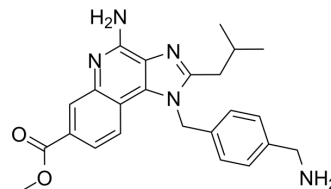


TLR7/8 antagonist 1

Cat. No.:	HY-145886
CAS No.:	2901020-63-9
Molecular Formula:	C ₂₄ H ₂₇ N ₅ O ₂
Molecular Weight:	417.5
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

TLR7/8 Antagonist 1 (Compound 16c) is the potent antagonist of TLR7/8 with IC₅₀s of 3.91 and 2.19 μM, respectively. TLR7/8 Antagonist 1 is an imidazoquinoline derivative compound. Toll-like receptors (TLRs) 7 and 8 are key targets in the development of immunomodulatory drugs for researching infectious disease, cancer, and autoimmune disorders^[1].

REFERENCES

[1]. Yang M, et al. Toll-like receptor 7 and 8 imidazoquinoline-based agonist/antagonist pairs. *Bioorg Med Chem Lett.* 2022;59:128548.

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

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