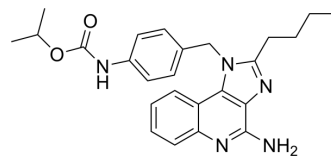


TLR7 agonist 16

Cat. No.:	HY-156177
CAS No.:	2832199-56-9
Molecular Formula:	C ₂₅ H ₂₉ N ₅ O ₂
Molecular Weight:	431.53
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 16 (compound 16d) is a highly potent TLR7 agonist with an EC₅₀ of 18 nM. TLR7 agonist 16 potently induces the activation of mouse macrophages and hPBMCs at low-nanomolar concentrations^[1].

REFERENCES

[1]. Emma G DeYoung, et al. Synthesis and Optimization of 1-Substituted Imidazo[4,5- c]quinoline TLR7 Agonists. ACS Med Chem Lett. 2023 Sep 14;14(10):1358-1368.

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

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