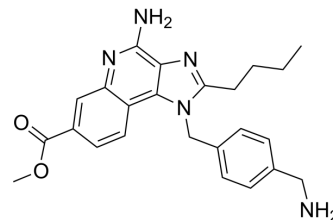


TLR7/8 agonist 6

Cat. No.:	HY-145885
CAS No.:	2115702-83-3
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 agonist 6 (Compound 4) is the potent agonist of TLR7/8 with IC₅₀s of 0.18 and 5.34 μM, respectively. TLR7/8 agonist 6 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA