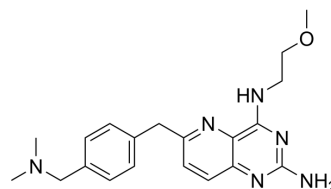


TLR7/8 agonist 9

Cat. No.:	HY-153544
CAS No.:	2649170-17-0
Molecular Formula:	C ₂₀ H ₂₆ N ₆ O
Molecular Weight:	366.46
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 9 (Compound 25a) is a TLR7/8 agonist, with EC₅₀s of 40 nM and 23 nM for hTLR7/8. TLR7/8 agonist 9 has anti-tumor activity and improves the antitumor activity of PD-1/PD-L1 blockade. TLR7/8 agonist 9 can be used for research of cancer immunotherapy^[1].

IC₅₀ & Target	TLR7	TLR8
-------------------------------------	------	------

REFERENCES

[1]. Wang Z, et al. Structure-Based Design of Highly Potent Toll-like Receptor 7/8 Dual Agonists for Cancer Immunotherapy. J Med Chem. 2021 Jun 10;64(11):7507-7532.

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