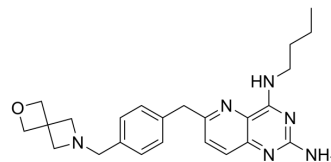


TLR7/8 agonist 8

Cat. No.:	HY-153543
CAS No.:	2649170-16-9
Molecular Formula:	C ₂₄ H ₃₀ N ₆ O
Molecular Weight:	418.53
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	TLR7/8 agonist 8 (compound 24m) is a potent toll-like receptor 7/8 (TLR7/8) dual agonist, with EC ₅₀ s of 27 and 12 nM for hTLR7 and hTLR8, respectively. TLR7/8 agonist 8 can improve the antitumor activity of PD-1/PD-L1 blockade ^[1] .	
IC ₅₀ & Target	TLR7 27 nM (EC50)	TLR8 12 nM (EC50)

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