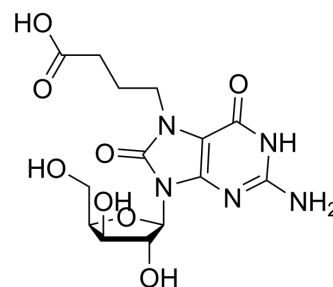


TLR7 agonist 12

Cat. No.:	HY-154271
CAS No.:	2389988-47-8
Molecular Formula:	C ₁₄ H ₁₉ N ₅ O ₈
Molecular Weight:	385.33
Target:	Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

TLR7 agonist 12 (example 20) is a TLR7 agonist, also is a purine nucleoside analog. Purine nucleoside analogs have broad antitumor activity targeting indolent lymphoid malignancies. Anticancer mechanisms in this process rely on inhibition of DNA synthesis, induction of apoptosis, etc^{[1][2]}.

REFERENCES

- [1]. Robak T, Robak P. Purine nucleoside analogs in the treatment of rarer chronic lymphoid leukemias. *Curr Pharm Des.* 2012;18(23):3373-88.
- [2]. Webber, et al. TLR7 agonists for treatment of cancer and infectious disease. World Intellectual Property Organization, WO2019226977 A1. 2019-11-28.

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