

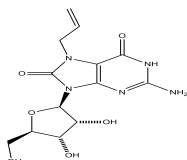
PRODUCT: Loxoribine

ALTERNATE NAME: 7-Allyl-8-oxoguanosine ; RWJ21757

CATALOG #: 2003-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₃H₁₇N₅O₆

MOLECULAR WEIGHT: 339.3

CAS NUMBER: 121288-39-9

APPEARANCE: White solid

SOLUBILITY: DMSO (30 mg/ml) or water (10 mg/ml)

PURITY: ≥97%by HPLC

STORAGE: Store at -20 °C. Protect from light.

DESCRIPTION: A guanosine derivative that acts as a selective ligand for Toll-like receptor 7 (TLR7) via IFN. Activates natural killer cells and primes cytolytic precursor cells for activation by IL-2.

REFERENCE: Bekeredijan-Ding, I.B., *et al.* (2005). *J. Immunol.* **174**, 4043-4050; Lee, J., *et al.* (2003). *Proc. Natl. Acad. Sci. USA* **100**, 6646-6651.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

- Gardiquimod (**Cat. No. 1996-5, 25**)
- Imiquimod (**Cat. No. 1698-100**)
- Pam3Cys-Ser(Lys)₄, TriHCl (**Cat. No. 1700-100**)
- Resiquimod (**Cat. No. 1699-5**)
- TLR1 Antibody (**Cat. No. 3446-100**)
- TLR2 Antibody (**Cat. No. 3552R-100**)
- TLR2 Antibody (Clone BV31-9)(**Cat. No. 3569-100**)
- TLR3 Antibody (**Cat. No. 3445R-100**)
- TLR4 Antibody (**Cat. No. 3251-100**)
- TLR4 Antibody (**Cat. No. 3253-100**)
- TLR5 Antibody (**Cat. No. 3555R-100**)
- TLR7 Antibody (**Cat. No. 3557-100**)
- TLR8 Antibody (Clone 44B05) (**Cat. No. 3558-100**)
- TLR8 Antibody (**Cat. No. 3558R-100**)
- TLR9 Antibody (**Cat. No. 3559R-100**)
- TLR10 Antibody (**Cat. No. 3932-100**)
- TLR11 Antibody (**Cat. No. 3931-100**)

USAGE: *FOR RESEARCH CH USE ONLY! Not to be used in humans*