

Loxoribine, TLR7 agonist

Catalog	Unit
TBI3780-5MG	5 mg
TBI3780-25MG	25 mg

Product Details

Formal Name: 7-Allyl-7,8-dihydro-8-oxoguanosine

Alternate Names: RWJ-21757

Molecular Formula: C₁₃H₁₇N₅O₆

Formula Weight: 336.30

CAS Number: 121288-39-9

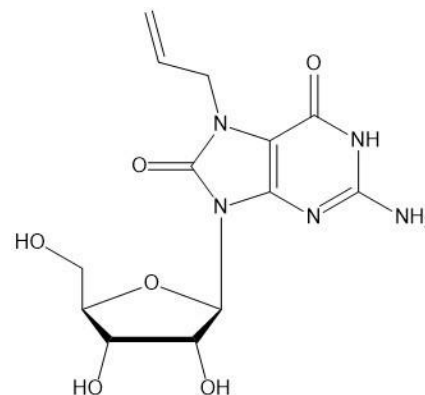
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO up to 25 mg/ml

Storage: -20°C

Stability: ≥ 2 years.



Applications

TLR7 agonist

Functions

Toll-like receptor 7 (TLR7) agonist. A potent immunostimulant with a relatively broad spectrum of immunobiological activities including upregulation of the activity of B cells, T cells, NK cells, macrophages and LAK cells. Induces secretion of IFN- γ by NK cells. Inhibits influenza A infection in chickens. Induces tumor regression by reversing Treg-induced immunosuppression.

Application Procedures

First dissolved in DMSO up to 25 mg/ml, then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 3 months.

For research use only.