



## Imidazoquinoline (TLR7 Agonist) Antigen Grade(VAdv-Ly0018)

### PRODUCT INFORMATION

#### Product Overview

Imidazoquinoline, a TLR7 agonist vaccine adjuvant.

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### SPECIFICATIONS

Type	PRRs Agonist
Formula	$C_{17}H_{23}N_5O$
Molecular Weight	313.4
Product Form	White to off-white solid
Storage	Store at room temperature.
Shelf Life	6 months

### ADJUVANT INFORMATION

#### Introduction

Imidazoquinoline is a selective ligand for human or mouse Toll-like receptor 7 (TLR7) which represent a promising class of immunotherapeutics or vaccine adjuvants with the potential to generate an effective antitumor immune response. TLRs are a family of highly conserved germline-encoded pattern-recognition receptors that are essential for host immune responses.

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