



## Certificate of Analysis

|              |                   |
|--------------|-------------------|
| Product Name | Resiquimod (R848) |
| Catalog No.  | V1867             |
| Batch No.    | V186701           |

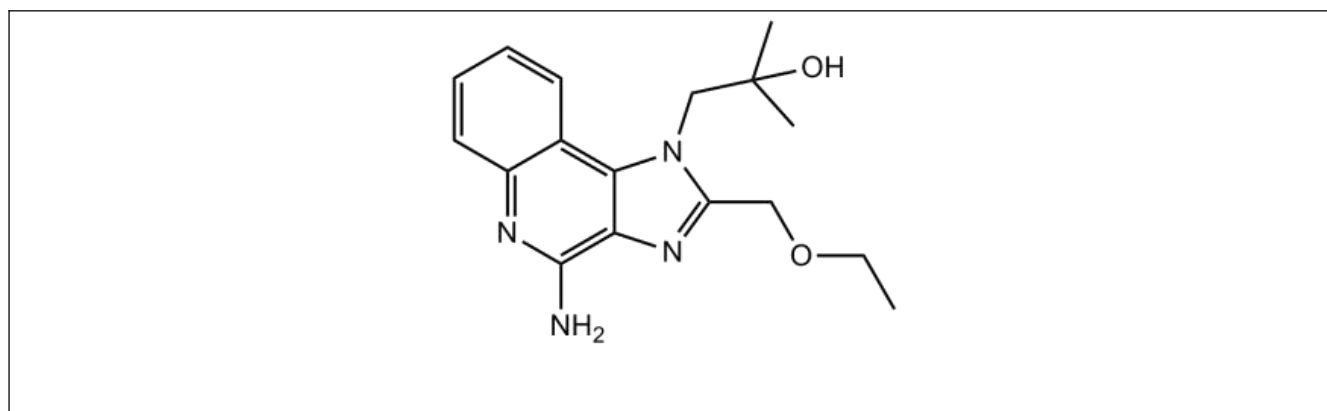
### 1. Physical and Chemical Properties

|                   |   |
|-------------------|---|
| Appearance        | Powder  |
| Molecular Formula | C <sub>17</sub> H <sub>22</sub> N <sub>4</sub> O <sub>2</sub> |
| Molecular Weight  | 314.38  |
| Purity            | ≥98%  |
| CAS No.           | 144875-48-9   |
| Production Date   | 08/09/2020  |

### 2. Analytical Data

|               |                           |
|---------------|---------------------------|
| HPLC          | Indicates ≥98% purity     |
| NMR           | Consistent with structure |
| Mass Spectrum | Consistent with structure |

### 3. Structure



### 4. Storage Condition

|                            |  |
|----------------------------|--|
| Short term storage (weeks) | 0 - 4 °C under dry condition for six weeks |
| Long term storage (months) | -20 °C under dry condition for three years |

Products are for research use only • Not for human or veterinary use