Certificate of Analysis

Resiquimod

Cat. No.: HY-13740
CAS No.: 144875-48-9
Batch No.: 42005

Chemical Name: 1H-Imidazo[4,5-c]quinoline-1-ethanol, 4-amino-2-(ethoxymethyl)- α , α -dimethyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{17}H_{22}N_4O_2$ Molecular Weight: 314.38

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 1 year

-20°C 6 months

Chemical Structure:

$$O \longrightarrow N \longrightarrow OH$$
 $H_2N \longrightarrow N$

ANALYTICAL DATA

Appearance: White to light yellow (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.95%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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