

## Imiquimod (hydrochloride)

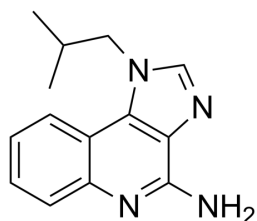
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Cat. No.: HY-B0180A  
CAS No.: 99011-78-6  
Batch No.: 92204  
Chemical Name: 1H-Imidazo[4,5-c]quinolin-4-amine, 1-(2-methylpropyl)-, hydrochloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>14</sub>H<sub>17</sub>ClN<sub>4</sub>  
Molecular Weight: 276.76  
Storage: 4°C, sealed storage, away from moisture  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:



HCl

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 99.80%  
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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