

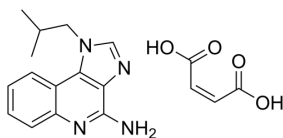
## Imiquimod (maleate)

Cat. No.: HY-B0180B  
 CAS No.: 896106-16-4  
 Batch No.: 275227  
 Chemical Name: 1H-Imidazo[4,5-c]quinolin-4-amine, 1-(2-methylpropyl)-, (2Z)-2-butenedioate (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{18}H_{20}N_4O_4$   
 Molecular Weight: 356.38  
 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:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (HPLC): 99.25%  
 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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