

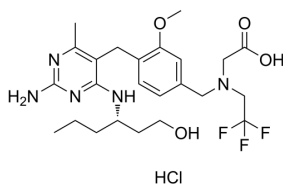
## Guretolimod (hydrochloride)

Cat. No.: HY-139575A  
Batch No.: 294887  
Chemical Name: Glycine, N-[[4-[[2-amino-4-[[[(1S)-1-(2-hydroxyethyl)butyl]amino]-6-methyl-5-pyrimidinyl]methyl]-3-methoxyphenyl]methyl]-N-(2,2,2-trifluoroethyl)-],hydrochloride(1:x)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>24</sub>H<sub>35</sub>ClF<sub>3</sub>N<sub>5</sub>O<sub>4</sub>  
Molecular Weight: 550.01  
Storage: -20°C, sealed storage, away from moisture and light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (HPLC): 98.67%  
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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