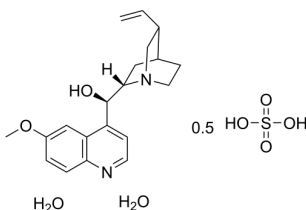


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	Quinine (sulfate hydrate)
<b>Cat. No.:</b>	1037629
<b>CAS No.:</b>	6119-70-6
<b>Molecular Formula:</b>	C <sub>20</sub> H <sub>30</sub> N <sub>2</sub> O <sub>8</sub> S
<b>Molecular Weight:</b>	818.98
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Le1220114573
<b>Storage:</b>	2-8°C, protect from light, stored under nitrogen
<b>Test Date:</b>	2021-12-21
<b>Retest Date:</b>	2024-12-20
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	White to off-white (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>LCMS:</b>	Consistent with structure
<b>Purity (LCMS):</b>	99.97%
<b>Conclusion:</b>	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

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