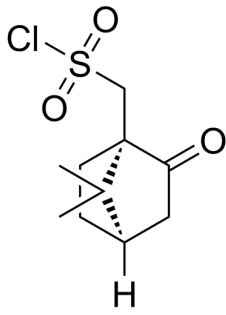


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	(1S,4R)-7,7-Dimethyl-2-oxobicyclo[2.2.1]heptane-1-methanesulfonyl chloride
<b>Cat. No.:</b>	1025793
<b>CAS No.:</b>	21286-54-4
<b>Molecular Formula:</b>	C <sub>10</sub> H <sub>15</sub> ClO <sub>3</sub> S
<b>Molecular Weight:</b>	250.74
<b>Chemical Structure:</b>	

### Batch Information

<b>Batch No.:</b>	L421484
<b>Storage:</b>	-20°C, sealed storage, away from moisture
<b>Test Date:</b>	2024-05-07
<b>Retest Date:</b>	2027-05-06
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	Off-white to light brown (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Purity (NMR):</b>	≥97.0%
<b>Optical Rotation[α]:</b>	29.8376°(C=1.0036g/100ml H <sub>2</sub> O)
<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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