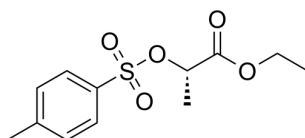


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	Ethyl (S)-2-(tosyloxy)propanoate
<b>Cat. No.:</b>	1202737
<b>CAS No.:</b>	57057-80-4
<b>Molecular Formula:</b>	C <sub>12</sub> H <sub>16</sub> O <sub>5</sub> S
<b>Molecular Weight:</b>	272.32
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Le1129110568
<b>Storage:</b>	Store at room temperature
<b>Test Date:</b>	2021-11-30
<b>Retest Date:</b>	2026-11-29
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	White to yellow (Solid-liquid mixture)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Purity (HPLC):</b>	99.54%
<b>OR(C=0.36 g/100ml CHCL<sub>3</sub>):</b>	-31.3°
<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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