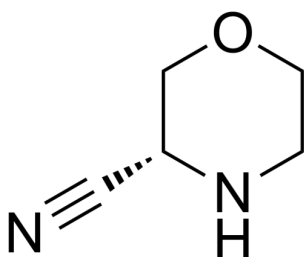


## Certificate of Analysis

### Compound Information

Product Name:	(R)-Morpholine-3-carbonitrile
Cat. No.:	1174287
CAS No.:	1262484-54-7
Molecular Formula:	C <sub>5</sub> H <sub>8</sub> N <sub>2</sub> O
Molecular Weight:	112.13
Chemical Structure:	



### Batch Information

Batch No.:	L354176
Storage:	2-8°C, protect from light
Test Date:	2023-10-31
Retest Date:	2026-10-30
Origin:	Shanghai, China

### QC Summary

Appearance:	Off-white to yellow (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (NMR):	≥97.0%
Optical Rotation:	-13.7° (C=0.01 g/ml, CHCl <sub>3</sub> )
Conclusion:	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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