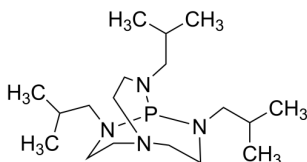


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	2,8,9-Triisobutyl-2,5,8,9-tetraaza-1-phosphabicyclo[3.3.3]undecane
<b>Cat. No.:</b>	1177308
<b>CAS No.:</b>	331465-71-5
<b>Molecular Formula:</b>	C <sub>18</sub> H <sub>39</sub> N <sub>4</sub> P
<b>Molecular Weight:</b>	342.50
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	L389972
<b>Storage:</b>	2-8°C, protect from light, stored under nitrogen
<b>Test Date:</b>	2024-04-02
<b>Retest Date:</b>	2027-04-01
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	Colorless to light yellow (Liquid)
<b>Purity:</b>	≥97.0%
<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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