

# Certificate of Analysis

## Compound Information

**Product Name:** (2S,3R)-3,4-Dihydro-3-isopropyl-2-phenyl-2H-pyrimido[2,1-b]benzothiazole  
**CAS No.:** 1203507-02-1  
**Cat. No.:** G1544305  
**Molecular Formula:** C<sub>19</sub>H<sub>20</sub>N<sub>2</sub>S  
**Molecular Weight:** 308.44

## Batch Information

**Batch No.:** 2451453  
**Test Date:** 2025-06-17  
**Report Date:** 2025-06-18  
**Retest Date:** 2030-12-13  
**Storage:** 2-8°C  
**Origin:** China

## Test Item

| Test             | Specification             | Result                    |
|------------------|---------------------------|---------------------------|
| Purity           | 98%(HPLC)                 | 99.36%                    |
| NMR              | Consistent with structure | Consistent with structure |
| Optical Rotation | 343.0 to 353.0            | 352.7                     |

## Conclusion

The product has been tested and complies with the given specifications.

## Signature

Reviewed by :



Reviewed by:



Approved by:

