

# Certificate of Analysis

## Compound Information

**Product Name:** 4,4-Difluorocyclohex-1-Enylboronic Acid Pinacol Ester  
**CAS No.:** 1227068-84-9  
**Cat. No.:** G8997922  
**Molecular Formula:** C<sub>12</sub>H<sub>19</sub>BF<sub>2</sub>O<sub>2</sub>  
**Molecular Weight:** 244.09

## Batch Information

**Batch No.:** 0414472  
**Test Date:** 2023-10-07  
**Report Date:** 2023-10-08  
**Retest Date:** 2029-04-03  
**Storage:** 2-8°C  
**Origin:** China

## Test Item

| Test   | Specification             | Result                    |
|--------|---------------------------|---------------------------|
| Purity | 97%(GC-MS)                | 99.96%                    |
| NMR    | Consistent with structure | Consistent with structure |

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

