

Certificate of Analysis

Compound Information

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|--------------------|--|
| Product Name: | (2R)-1-(11Br)-Dinaphtho[2,1-D:1',2'-f][1,3,2]Dioxaphosphepin-4-Yl-1,2,3,4-Tetrahydro-2-Methylquinoline |
| CAS No.: | 1186392-43-7 |
| Cat. No.: | G8650980 |
| Molecular Formula: | $C_{30}H_{24}NO_2P$ |
| Molecular Weight: | 461.49 |

Batch Information

| | |
|--------------|-------------------------|
| Batch No.: | 0273133 |
| Test Date: | 2024-12-22 |
| Report Date: | 2024-12-23 |
| Retest Date: | 2030-06-19 |
| Storage: | 2-8°C, Under inert gas. |
| Origin: | China |

Test Item

| Test | Specification | Result |
|------------------|---------------------------|---------------------------|
| Purity | 97%(HPLC),99%ee | Conforms to specification |
| NMR | Consistent with structure | Consistent with structure |
| Optical Rotation | -255.2 | -260.73 |

Conclusion

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

Signature

Reviewed by :

Reviewed by:

Approved by: