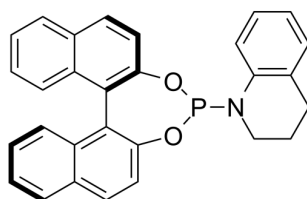


Certificate of Analysis

Compound Information

Product Name:	1-(11bR)-Dinaphtho[2,1-d:1',2'-f][1,3,2]dioxaphosphepin-4-yl-1,2,3,4-tetrahydroquinoline
Cat. No.:	1161795
CAS No.:	1360145-09-0
Molecular Formula:	C ₂₉ H ₂₂ NO ₂ P
Molecular Weight:	447.46
Chemical Structure:	



(R)

Batch Information

Batch No.:	Lc0909101
Storage:	2-8°C, protect from light, stored under nitrogen
Mfg. Date:	2019-10-12
Retest Date:	2022-10-11
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥97.0%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

E-mail: product@leyan.com

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai