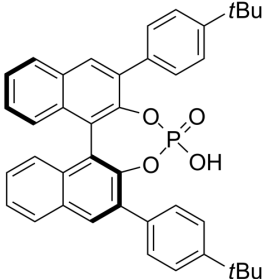


Certificate of Analysis

Product Name:	(11bS)-2,6-Bis[4-(1,1-dimethylethyl)phenyl]-4-hydroxy-4-oxide-dinaphtho[2,1-d:1',2'-f][1,3,2]dioxaphosphepin
Cat. No.:	CS-0090550
CAS No.:	1217901-32-0
Batch No.:	Le020841022
Chemical Name:	Dinaphtho[2,1-d:1',2'-f][1,3,2]dioxaphosphepin, 2,6-bis[4-(1,1-dimethylethyl)phenyl]-4-hydroxy-, 4-oxide, (11bS)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₄₀ H ₃₇ O ₄ P
Molecular Weight:	612.69
Storage:	2-8°C, protect from light, stored under nitrogen
Chemical Structure:	

ANALYTICAL DATA

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

Caution: Product has not been fully validated for medical applications. For research use only.

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