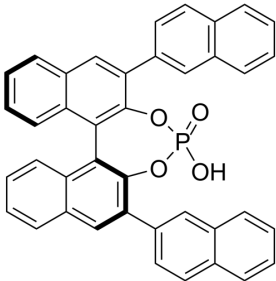


Certificate of Analysis

Product Name:	(11bS)-4-Hydroxy-2,6-di-2-naphthalenyl-4-oxide-dinaphtho[2,1-d:1',2'-f][1,3,2]dioxaphosphepin
Cat. No.:	CS-0090630
CAS No.:	874948-60-4
Batch No.:	Le091398687
Chemical Name:	Dinaphtho[2,1-d:1',2'-f][1,3,2]dioxaphosphepin, 4-hydroxy-2,6-di-2-naphthalenyl-, 4-oxide, (11bS)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₄₀ H ₂₅ O ₄ P
Molecular Weight:	600.60
Storage:	2-8°C, protect from light, stored under nitrogen
Chemical Structure:	

ANALYTICAL DATA

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥97.0%
Specific Optical Rotation (c = 1 in THF):	-34.2°
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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