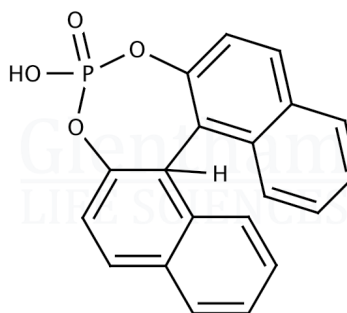


Certificate of Analysis

Product Name	(R)-(-)-1,1"-Binaphthyl-2,2"-diyl hydrogenphosphate
Glentham Code	GK3923
CAS Number	39648-67-4
MDL Number	MFCD00010045
PubChem SID	310267828
Batch Number	980WQC

Molecular Weight	348.29
Molecular Formula	C ₂₀ H ₁₃ O ₄ P
Storage Temp.	+20°C



Property	Specification	Batch 980WQC
Physical Description	White to off-white powder	White powder
Specific Optical Rotation ([α] _{20/D})	-615 - -585 ° (c=1.35, MeOH)	-605.3°
Loss on Drying	≤ 1.0%	0.22%
Purity	≥ 98.0%	99.50%
Chiral Purity	≥ 98.0%	99.51%

Specification Version	v1.0
Manufacture Date	2016-12-30
Re-Test Date	2025-01-23

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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