

CERTIFICATE OF ANALYSIS

(Certificate No. KMB031015-01)

Release Date: 12/03/2025

Re-test Date: 11/03/2028

1,1-Binaphthyl-2,2-diyl hydrogenphosphate

Identification

Chemical Name :

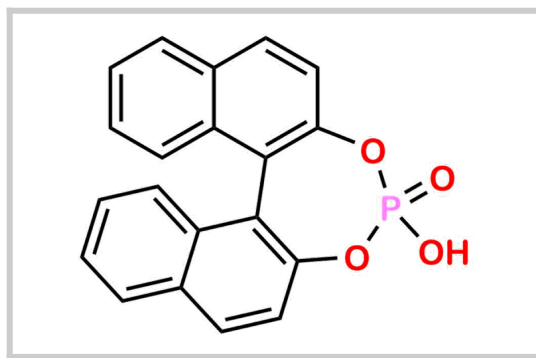
4-Hydroxydinaphtho[2,1-d:1',2'-f][1,3,2]dioxaphosphepine 4-oxide

CAT No. : KMB031015

CAS No. : 39648-67-4

Molecular Formula : C₂₀H₁₃O₄P

Molecular Weight : 348.3



Analytical Information

Batch No. : B031015-091-255

Description : Off White Solid

HPLC Purity : 100.00 %

Weight Loss By TGA : 0.23 %

% Potency : 99.77 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.23(Weight Loss By TGA)] x [100.00(HPLC Purity)]/100 = 99.77 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		17/03/2025

Attachments : COA, HPLC, MASS, ¹H NMR, ¹³C NMR, IR and TGA