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

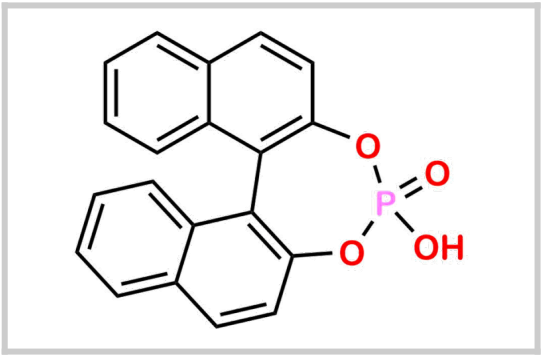
Chemical Name :
4-Hydroxydinaphtho[2,1-d:1',2'-f][1,3,2]dioxaphosphepine 4-oxide

CAT No. : KMB031015

CAS No. : 39648-67-4

Molecular Formula : C20H13O4P

Molecular Weight : 348.3



Analytical Information

Batch No.	: B031015-091-255	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 100.00 %	**IR**	: Confirm
Weight Loss By TGA	: 0.23 %	**1H NMR**	: Confirm
% Potency	: 99.77 %	**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, 1HNMR, 13CNMR, IR and TGA