CERTIFICATE OF ANALYSIS

(Certificate No. KMP002020-01)

Release Date: 25/08/2026 **Re-test Date:** 24/08/2029

Propranolol EP Impurity C

Identification

Chemical Name :
1,3-bis[(naphthalen-1-yl)oxy]propan-2-ol (as per EP) ; 1,3-Bis(naphthalen-1-yloxy)propan-2-ol (as per USP)

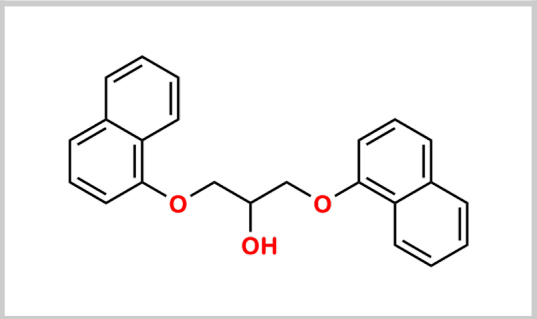
Alt. Name : Propranolol Bis-ether Impurity ; Dinaphthyl Glycerol (USP)

CAT No. : KMP002020

CAS No. : 17216-10-3

Molecular Formula : C23H20O3

Molecular Weight : 344.4



Analytical Information

Batch No.	: PRO-DNG-019-013	**Solubility**	: Acetonitrile
Description	: Brown Liquid	**Mass**	: Confirm
HPLC Purity	: 91.62 %	**IR**	: Confirm
Weight Loss By TGA	: 4.31 %	**1H NMR**	: Confirm
% Potency	: 87.67 %		

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 - 4.31(Weight Loss By TGA)] x [91.62(HPLC Purity)]/100 = 87.67 %
Remarks : COA Re-generated on 22.10.2024
-Re-tested on 25.08.2026

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		25/08/2026
Reviewed & Approved By	Quality Control	Jatin Patel		25/08/2026

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA