

CERTIFICATE OF ANALYSIS

(Certificate No. KMP002020-01)

Release Date: 20/08/2023

Re-test Date: 19/08/2026

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)

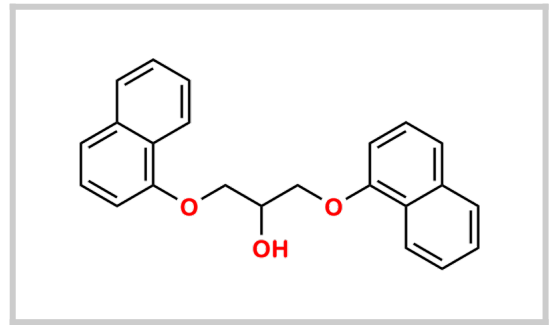
Alt. Name : Propranolol Bis-ether Impurity ;
Dinaphthyl Glycerol (USP)

CAT No. : KMP002020

CAS No. : 17216-10-3

Molecular Formula : C23H20O3

Molecular Weight : 344.4



Analytical Information

Batch No. : PRO-DNG-019-013

Description : Brown Liquid

HPLC Purity : 96.88 %

Weight Loss By TGA : 4.27 %

% Potency : 92.74 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

1H 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 = $[100 - 4.27(\text{Weight Loss By TGA})] \times [96.88(\text{HPLC Purity})]/100 = 92.74 \%$

Remarks : COA Re-generated on 22.10.2024

-Re-tested on 20.08.2023

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		31/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		31/03/2025

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