# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMP002020-01)

**Release Date:** 20/08/2023 **Re-test Date:** 19/08/2026

## **Propranolol Dinaphthyl Glycerol Impurity**

### **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)

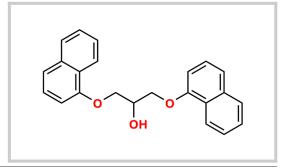
**Alt. Name** : Propranolol Bis-ether Impurity ;

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** : Methanol **Description** : Brown Liquid **Mass** : Confirm **HPLC Purity** : 96.88 % IR : Confirm Weight Loss By TGA : 4.27 % 1H NMR : Confirm

**% Potency** : 92.74 %

### **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(Weight Loss By TGA)] x [96.88(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