

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KML005013-01)

**Release Date:** 07/03/2025

**Re-test Date:** 06/03/2028

## **Olmesartan Medoxomil Impurity M-681**

### **Identification**

**Chemical Name :**

5-(4'-(Bromomethyl)(1,1'-biphenyl)-2-yl)-2-trityl-2H-tetrazole

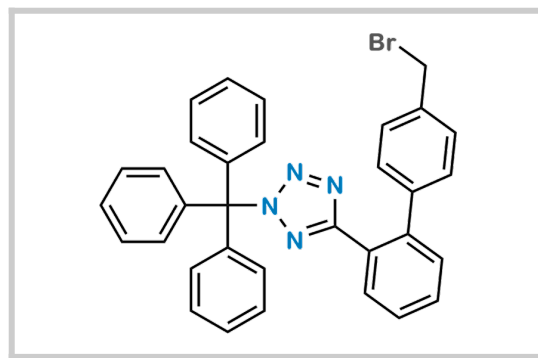
**Alt. Name** : Losartan Bromo N2-Trityl Impurity

**CAT No.** : KML005013

**CAS No.** : 133051-88-4

**Molecular Formula** : C33H25BrN4

**Molecular Weight** : 557.5



### **Analytical Information**

**Batch No.** : TTBB-019-363

**Description** : White Solid

**HPLC Purity** : 97.03 %

**Weight Loss By TGA** : 0.63 %

**% Potency** : 96.42 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H 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 - 0.63(Weight Loss By TGA)] x [97.03(HPLC Purity)]/100 = 96.42 %

-Re-tested on 07.03.2025

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		07/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		07/03/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA