

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM088009-01)

Release Date: 11/12/2023

Re-test Date: 10/12/2026

## Metaxalone Impurity E

### Identification

**Chemical Name :**

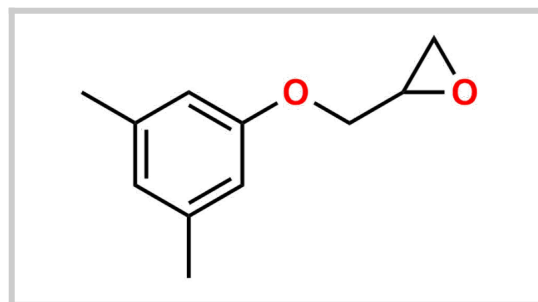
2-[(3,5-Dimethylphenoxy)Methyl]Oxirane

CAT No. : KMM088009

CAS No. : 4287-30-3

Molecular Formula : C<sub>11</sub>H<sub>14</sub>O<sub>2</sub>

Molecular Weight : 178.2



### Analytical Information

Batch No. : MET-IMP-6-045-352

Description : Light Yellow Liquid

HPLC Purity : 97.38 %

Weight Loss By TGA : 1.74 %

% Potency : 95.69 %

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 - 1.74(Weight Loss By TGA)] x [97.38(HPLC Purity)]/100 = 95.69 %

Remarks : COA Re-generated on 17.10.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		17/10/2024

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