CERTIFICATE OF ANALYSIS

(Certificate No. KMM088009-01)

Release Date: 11/12/2023 **Re-test Date:** 10/12/2026

Metaxalone Impurity E

Identification

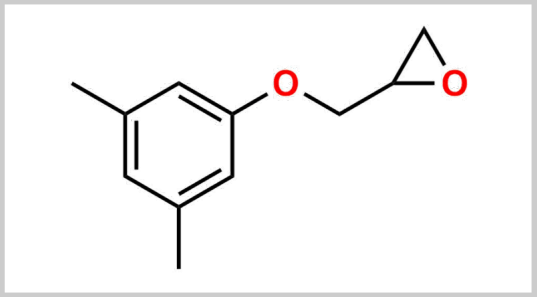
Chemical Name :
2-[(3,5-Dimethylphenoxy)Methyl]Oxirane

CAT No. : KMM088009

CAS No. : 4287-30-3

Molecular Formula : C11H14O2

Molecular Weight : 178.2



Analytical Information

Batch No.	: MET-IMP-6-045-352	**Solubility**	: Acetonitrile
Description	: Light Yellow Liquid	**Mass**	: Confirm
HPLC Purity	: 97.38 %	**IR**	: Confirm
Weight Loss By TGA	: 1.74 %	**1H NMR**	: Confirm
% Potency	: 95.69 %		

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, 1HNMR, IR and TGA