

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM088008-01)

Release Date: 14/04/2025

Re-test Date: 13/04/2028

## METAXALONE MONO EPOXY IMPURITY

### Identification

**Chemical Name :**

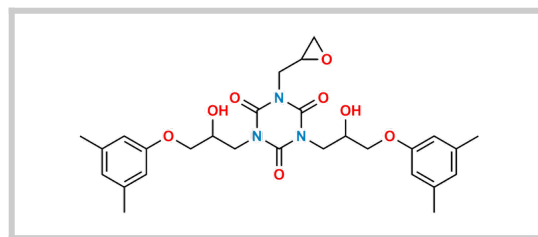
1,3-bis(3-(3,5-dimethylphenoxy)-2-hydroxypropyl)-5-(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione

CAT No. : KMM088008

CAS No. : 1392430-17-9

Molecular Formula : C<sub>28</sub>H<sub>35</sub>N<sub>3</sub>O<sub>8</sub>

Molecular Weight : 541.6



### Analytical Information

Batch No. : M088008-091-313

Description : Colorless Thick Syrup

HPLC Purity : 99.57 %

Weight Loss By TGA : 0.72 %

% Potency : 98.85 %

Solubility : Methanol

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 - 0.72(Weight Loss By TGA)] x [99.57(HPLC Purity)]/100 = 98.85 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		22/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		22/04/2025

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