

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM088018-01)

Release Date: 23/04/2025

Re-test Date: 22/04/2028

## BIS[2-HYDROXY-3-(3,5-DIMETHYLPHENOXY)PROPYL]AMINE HCl

### Identification

**Chemical Name :**

3,3'-azanediyldis(1-(3,5-dimethylphenoxy)propan-2-ol) Hydrochloride ; Bis[2-hydroxy-3-(3,5-dimethylphenoxy)propyl]amine Hydrochloride

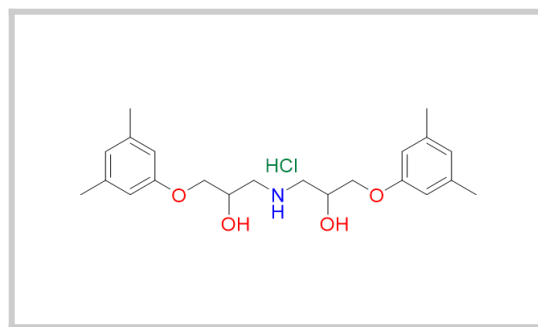
**Alt. Name** : Metaxalone USP Related Compound C; Metaxalone Dimer Impurity

**CAT No.** : KMM088018

**CAS No.** : 805972-34-3 (Free Base)

**Molecular Formula** : C<sub>22</sub>H<sub>31</sub>NO<sub>4</sub> : HCl

**Molecular Weight** : 373.5 : 36.5



### Analytical Information

**Batch No.** : M088018-091-354

**Description** : White Solid

**HPLC Purity** : 99.88 %

**Weight Loss By TGA** : 0.45 %

**% Potency** : 99.43 %

**Solubility** : Water :  
Acetonitrile (1:1)

**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 - 0.45(Weight Loss By TGA)] x [99.88(HPLC Purity)]/100 = 99.43 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Ravi Patel		24/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		24/04/2025

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