

# CERTIFICATE OF ANALYSIS

(Certificate No. KMB003012-01)

Release Date: 10/02/2025

Re-test Date: 09/02/2028

## 5-CHLOROBUPROPION

### Identification

**Chemical Name :**

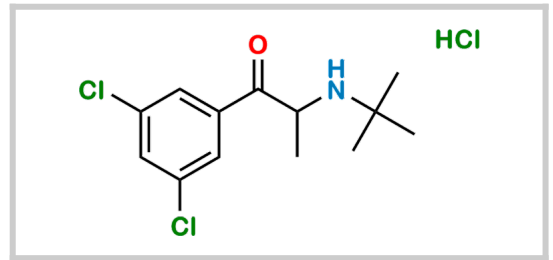
2-(Tert-butylamino)-1-(3,5-dichlorophenyl)propan-1-one hydrochloride (as per USP)

CAT No. : KMB003012

CAS No. : 1346603-00-6

Molecular Formula : C<sub>13</sub>H<sub>17</sub>Cl<sub>2</sub>NO : HCl

Molecular Weight : 274.2 : 36.5



### Analytical Information

Batch No. : B003012-091-199

Description : Off White Solid

HPLC Purity : 99.48 %

Weight Loss By TGA : 0.95 %

% Potency : 98.53 %

Solubility : Methanol : Water (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 - 0.95(Weight Loss By TGA)] x [99.48(HPLC Purity)]/100 = 98.53 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		10/02/2025

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