Toronto Research Chemicals
products for innovative research

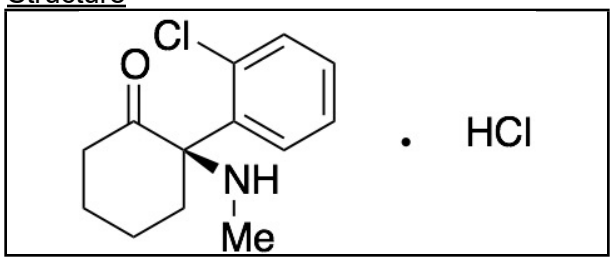
Certificate of Analysis

1. Identification

Catalogue Number
KIT2435

Lot Number
2024-MAH-082

Structure



Product Name
(R)-Ketamine Hydrochloride (1.0mg/ml in Methanol)

Synonyms
(2R)-2-(2-Chlorophenyl)-2-(methylamino)cyclohexanone Hydrochloride; (-)- 2-(o-Chlorophenyl)-2-(methylamino)cyclohexanone Hydrochloride; (-)-(R)-Ketamine Hydrochloride; (R)-(-)-Ketamine Hydrochloride;

CAS Number
33795-24-3

Solubility
Methanol (Soluble)

Shipping Condition
This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula
C13H16ClNO •HCl

Source of Product
Synthetic

Long Term Storage Conditions
-20°C

Molecular Weight
237.73

Purity
>95%

2. Warnings

Not Determined

3. Analytical Information

Tests	Specifications	Results
Appearance	Colourless Solution	Clear Colourless Solution
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms

Additional Information

Preparation: 10.4 mg of K165305, 1-VAS-89-1 to 10 mL of Methanol.

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed.
The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by	Reviewed by	C of A Approved by	Test Date	Retest Date
Vijaya Annapareddy Product Quality Specialist	Toni Rantanen Manager, Quality Assurance	Chanell Chu Quality Assurance Associate	10/8/2024	10/6/2025