

3050 Spruce Street, Saint Louis, MO 63103, USA

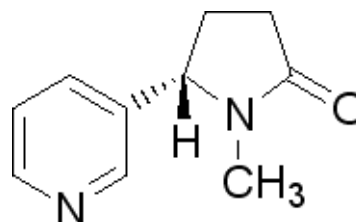
Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
(-)-Cotinine - ~98%

Product Number: C5923
CAS Number: 486-56-6

Formula: C₁₀H₁₂N₂O
Formula Weight: 176.22 AMU



TEST

Specification

Appearance (Form)	Viscous Liquid or Solid
Appearance (Colour)	White to Yellow
Solubility (Solvent)	Ethanol
Solubility (Conc)	49.00 - 51.00 mg/ml
Solubility (Turbidity)	Clear to Slightly Hazy
Solubility (Color)	Colorless to Yellow
Elemental Anal. (%C anhydrous)	66.80 - 69.50 %
Elemental Anal. (%N anhydrous)	15.60 - 16.20 %
Purity (TLC)	≥ 98.00 %
NMR (Solvent)	CDCl ₃
Identity by NMR	Consistent
Specific Rotation (Solvent)	Ethanol
Specific Rotation (Conc)	9.00 - 11.00 mg/ml
Specific Rotation (Alpha D)	-23.00 - -19.00 deg
Storage Conditions	Under Argon
Recommended Retest Period	-----
3 Years	

Specification: PRE.0.ZQ5.10000001280

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.