GL9693 - (-)-Nicotine hydrogen tartrate salt

Product Details

Product Name: (-)-Nicotine hydrogen tartrate salt
Glentham Code: GL9693
CAS Number: 65-31-6
EINECS: 200-607-2
MDL Number: MFCD00069368
Additional CAS: 6019-06-3 (·2H2O)
Additional CAS: 2624-48-8
Additional CAS: 54-11-5 (base)
PubChem SID: 295369473
Related Categories: APIs, Biochemicals, Phytochemicals, Alkaloids

Structure

Molecular Weight: 462.41 (anhydrous)
Molecular Formula: C10H14N2 · 2C4H6O6 (anhydrous)

Storage

Recommended storage temperature: +4°C.

Hazards and Transport

CLP Classification: Acute Oral Tox. 2, Acute Derm. Tox. 1, Acute Inha. Tox. 2, Aquatic Chronic 2
Signal Word: Danger
Hazard Codes: H300, H310, H330, H411
Pictograms: UN1659 - 6.1 - PG II

Glentham Product Specification

Physical Description: White to almost white powder
Solubility: 10% in water: Soluble
: 1% in 96% ethanol: Slightly soluble
Identification: IR
pH (10% in water): 3.0 - 3.4
Specific Optical Rotation: +21.0 - +23.0 ° (1% in water)
Related Substances (HPLC): Any Specified Impurity: ≤ 0.3%
: (Cotinine, Myosmine, Nicotine-N-oxide, beta-Nicotyrine, Anatabine, Anabasine, Nornicotine)
: Unspecified Impurity: ≤ 0.1%
: Total Impurities: ≤ 0.8%
Water: 6.9 - 8.0 %
 Sulphated Ash: ≤ 0.1%
Assay (HPLC): 98.5 - 101.5 % (anhydrous basis)
Residual Solvents: Ethanol: ≤ 5000ppm, Methanol: ≤ 3000ppm
Pharmacopoeia Specification(s): EP
Version: v1.1

About (-)-Nicotine hydrogen tartrate salt
Nicotine is a naturally derived alkaloid found in the nightshade family of plants. It is a toxic, highly addictive central nervous system stimulant. Nicotine hydrogen tartrate salt is more stable during storage than the base form.