

Product Datasheet

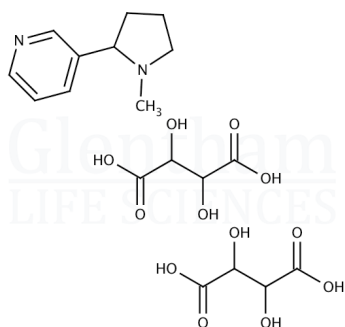
GL9693 - (-)-Nicotine hydrogen tartrate salt

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 ($\cdot 2\text{H}_2\text{O}$)
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	: $\text{C}_{10}\text{H}_{14}\text{N}_2 \cdot 2\text{C}_4\text{H}_6\text{O}_6$ (anhydrous)



Storage

Recommended storage temperature: +4°C.

Hazards and Transport

CLP Classification	Acute Tox. 2, Acute Tox. 2, Aquatic Chronic 2, Acute Tox. 1
Signal Word	Danger
Hazard Codes	H330, H300, H411, H310
Precautionary Codes	P273, P280, P302+P352, P304+P340, P305+P351+P338, P260, P301+P310
Pictograms	
UN Number, Class, PG (RID)	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: $\leq 0.3\%$: (Continine, Myosmine, Nicotine-N-oxide, beta-Nicotryne, Anatabine, Anabasine, Normicotine) : Unspecified Impurity: $\leq 0.1\%$: Total Impurities: $\leq 0.8\%$
Water	: 6.9 - 8.0 %
Sulphated Ash	: $\leq 0.1\%$
Assay (HPLC)	: 98.5 - 101.5 % (anhydrous basis)
Residual Solvents	: Ethanol: $\leq 5000\text{ppm}$, Methanol: $\leq 3000\text{ppm}$
Pharmacopoeia Specification(s)	: EP
Version	: v1.1

About (-)-Nicotine hydrogen tartrate salt

Product Datasheet

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.