

# Chem-Impex International, Inc.

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

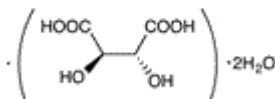
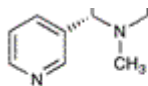
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	32495
<b>Product</b>	<b>Nicotine bi-L-(+)-tartrate dihydrate</b> Nicotine ditartrate dihydrate (S)-3-(1-Methyl-2-pyrrolidiny)pyridine bi-L-(+)-tartrate dihydrate
<b>CAS Number</b>	6019-06-3
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> •2C <sub>4</sub> H <sub>6</sub> O <sub>6</sub> •2H <sub>2</sub> O
<b>Molecular Weight</b>	462.41

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<b>Warnings</b>	<i>Avoid excessive heat and light!</i>
<b>Appearance</b>	White to pale yellow crystalline powder
<b>Water Content (Karl Fisher)</b>	5 - 10%
<b>Optical Rotation</b>	[α] <sub>20</sub> /D = 23 - 27 ° (C=10 in H <sub>2</sub> O)
<b>Assay by titration</b>	≥ 98%
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**