

# Chem-Impex International, Inc.

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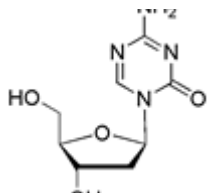
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	27624
<b>Product</b>	<b>5-Aza-2'-deoxycytidine</b>
	Decitabine
	2'-Deoxy-5-azacytidine
<b>CAS Number</b>	2353-33-5
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>12</sub> N <sub>4</sub> O <sub>4</sub>
<b>Molecular Weight</b>	228.21

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<b>Appearance</b>	White to off-white crystalline powder
<b>Heavy Metals</b>	≤ 10 ppm
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 66-76°
<b>Loss on Drying</b>	≤ 0.3%
<b>Residual Solvents</b>	Toluene: ≤ 890 ppm Methanol: ≤ 2400 ppm
<b>Related Substances</b>	Largest unknown impurity: ≤ 0.1% Total Impurity (HPLC): ≤ 1%
<b>Residue On Ignition</b>	≤ 0.3%
<b>Purity by HPLC</b>	≥ 99%
<b>Storage</b>	Store at 0-8 °C

**For Laboratory Use Only**