

Chem-Impex International, Inc.

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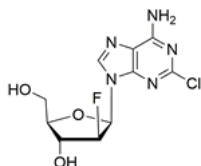
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	37717
Product	Clofarabine 2-Chloro-9-(2-deoxy-2-fluoro-β-D-arabinofuranosyl)adenine
CAS Number	123318-82-1
Molecular Formula	C ₁₀ H ₁₁ ClFN ₅ O ₃
Molecular Weight	303.68

Warnings	<i>Heat sensitive!</i>
Appearance	White to off-white crystalline powder
Melting Point	225 - 230 °C
Heavy Metals	≤ 0.001%
Anion	Sulfate : ≤ 0.05% Halide : ≤ 0.0125%
Water Content (Karl Fisher)	≤ 0.5%
pH	5.5 - 7.5
Optical Rotation	[α] _D ²⁰ = 38 - 42 ° (C=0.5 in DMF)
Infrared Spectrum	Conforms to structure
Residual Solvents	Methanol : ≤ 0.3% Acetonitrile : ≤ 0.041% Dichloromethane : ≤ 0.06% N-hexane : ≤ 0.029%
Bacterial Endotoxins	≤ 1.8 EU/mg
Related Substances	Impurity : ≤ 0.1% Total impurity : ≤ 0.5%
Residue On Ignition	≤ 0.1%
Assay	99 - 101% (On dry basis)
Other Enantiomer	a-isomer : ≤ 0.15%
Storage	Store at 2 - 8 °C

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For Laboratory Use Only