

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	26429
Lot Number	000565-1408109008
Product	(Ethyl cyano(hydroxyimino)acetato)-tri-(1-pyrrolidinyl)-phosphonium • F6P Pyoxim
CAS Number	153433-21-7
Molecular Formula	C ₁₇ H ₂₉ N ₅ O ₃ P•F ₆ P
Molecular Weight	527.38

Appearance	White crystalline powder
Melting Point	170.1-171.5 °C
Loss on Drying	0.10%
¹H NMR	Conforms to structure
Purity by HPLC	99.5%
Application	PyOxim is a novel and highly efficient coupling reagent which mediates coupling reactions with efficiencies superior to HATU and PyBOP and comparable to COMU. It has excellent solubility in DMF Ideal for the synthesis of cyclic peptides. Is not explosive under normal operating conditions.
Storage	Store at 0-8 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager