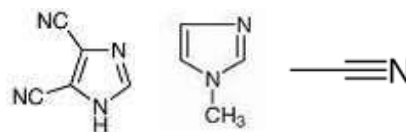


Product Specification

Product Name:

1.0 M 4,5-Dicyanoimidazole Activator (DCI) with 0.1 M N-Methylimidazole (NMI) in Acetonitrile *PurOligo*

Product No.:	PSR50316
Brand:	PureSynth
CAS No.:	4,5-Dicyanoimidazole: 1122-28-7 N-Methylimidazole: 616-47-7 Acetonitrile: 75-05-8
Molecular Formula:	4,5-Dicyanoimidazole: C ₅ H ₂ N ₄ N-Methylimidazole: C ₄ H ₆ N ₂ Acetonitrile: C ₂ H ₃ N
Molecular Weight:	4,5-Dicyanoimidazole: 118.10 g/mol N-Methylimidazole: 82.10 g/mol Acetonitrile: 41.053 g/mol



Test	Specification
Appearance	Clear Colorless to Pale Yellow Solution
DCI Content (By HPLC)	0.98 - 1.02 mol/L
Water Content (By KF)	NMT 30 ppm

Application: Activation / Coupling Reagent for Nucleic Acid Synthesis. *In some cases, a slight haze may appear. To the best of our current knowledge, this does not impact the performance of the product.

Specification No.: PO-1.0-QA/053

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com