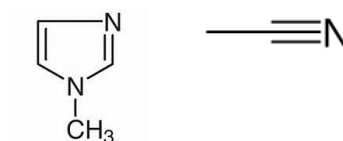


Product Specification

Product Name:

**Capping A, 20 % NMI in ACN,
(Acetonitrile / N-methylimidazole, V / V = 80:20) PurOligo**

Product No.: PSR48548
Brand: PureSynth
CAS No.: N-methylimidazole: 616-47-7
Acetonitrile: 75-05-8
Molecular Formula: N-methylimidazole: C₄H₆N₂
Acetonitrile: C₂H₃N
Molecular Weight: N-methylimidazole: 82.10 g/mol
Acetonitrile: 41.053 g/mol



Test	Specification
Appearance	Clear Solution
Acetonitrile Content (By GC)	77.0 – 83.0 Vol %
N-Methylimidazole Content (GC)	17.0 – 23.0 Vol %
Water Content (By KF)	≤ 50 ppm
Refractive index	1.373 - 1.377
Identification by IR	Conforms to Structure
Triazine (1,3,5 Trimethylhexahydro 1,3,5-triazine) Content (By GC)	≤ 20 ppm

Application: Capping Reagent for Nucleic Acid Synthesis.

Specification No.: PO-1.0-QA/017, Ver. No. 1.1, 02.03.2026.

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