

Product Specifications

LNA N-dmf Guanosine Amidite

Product: 5'-O-(4,4'-dimethoxytrityl)-LNA-N-Dimethylformamide Guanosine-3'-[(2-cyanoethyl)-(N, N-diisopropyl)]-phosphoramidite

Synonyms: Locked Nucleic Acid G (dmf) phosphoramidite

Structure:

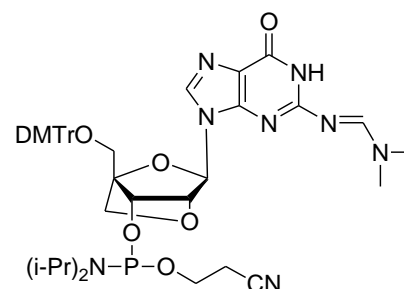
CAS No: [709641-79-2]

Innovassynth Code: 11560290

Actylis Code: 18214

Molecular Formula: C₄₄H₅₃N₈O₈P

Molecular Weight: 852.91



Test	Specification
Appearance	White to off-white solid free from foreign particles
Solubility	No visible particles in 0.2M Acetonitrile solution
Moisture content by Oven technique	NMT 0.50%
Purity by 31P NMR	NLT 98.0%
Purity by HPLC (Area %)	NLT 98.0%
Residual Solvent	NMT 1.0%

Storage Conditions: Store at -20°C temperature, do not expose moisture/sunlight.

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