

Product Specifications

LNA Thymidine Amidite

Product: 5'-O-(4, 4'-Dimethoxytrityl)-LNA Thymidine -3'-[(2-Cyanoethyl)-(N, N-Diisopropyl)] Phosphoramidite

Synonyms: Locked Nucleic Acid T Phosphoramidite

Structure:

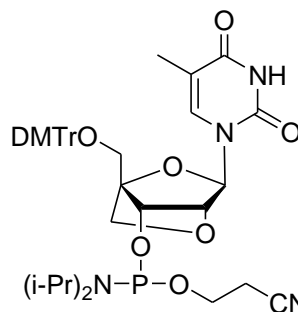
CAS No: [206055-75-6]

Innovassynth Code: 11540190

Actylis Code: 18215

Molecular Formula: C₄₁H₄₉N₄O₉P

Molecular Weight: 772.82



| 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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