

Product Specification

5'-ODMT-2'-OTBDMS-N-iBu Guanosine Amidite

Product: 5'-O-(4,4'-dimethoxytrityl)-2'-O-tert-butyldimethyl silyl-N2-isobutyryl Guanosine- 3'-[(2-cyanoethyl)- (N, N-diisopropyl)]-phosphoramidite

Synonyms: rG(iBu) (TBDMS) CEP

Structure:

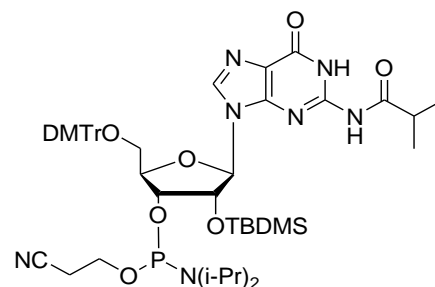
CAS No: [147201-04-5]

Innovassynth Code: 18370990

Actylis Code: 18211

Molecular Formula: C₅₀H₆₈N₇O₉PSi

Molecular Weight: 970.17



Test	Specification
Appearance	White to off white solid
Solubility	No visible particle in 0.2 M Acetonitrile solution
Moisture content by Oven technique	NMT 0.50%
Purity by 31P NMR (Solvent: CDCl ₃)	NLT 98.0%
Purity by HPLC	NLT 98.0%
Single maximum impurity	NMT 0.50%
Residual Solvent	NMT 1.0%

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

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