

PRODUCT IDENTITY

PRODUCT NAME	2'-OMe-iBu-G Phosphoramidite	PRODUCT NUMBER	M776846
Grades & Purity	for DNA synthesis, Suitable for molecular biology, $\geq 98\%$	VERSION	3
CAS NUMBER	150780-67-9	FORMULA	C ₄₅ H ₅₆ N ₇ O ₉ P
FORMULA WEIGHT	869.94g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(M776846)	White to off white powder
Solution Clarity(0.2 M solution in acetonitrile is free from undissolved particulate)	Pass
NMR Spectrum 1H	Conforms to Structure
Purity(HPLC area)	98-100 (%)
Phosphorus NMR Spectra	Conforms to Structure
Water by Karl Fischer	0-0.3 (%)
Residual Solvent by GC-HS	0-3 (%)