

PRODUCT IDENTITY

PRODUCT NAME	5-Me-Bz-dC Phosphoramidite	PRODUCT NUMBER	M776796
Grades & Purity	for DNA synthesis, Suitable for molecular biology, ≥98% (mixture of isomers)	VERSION	3
CAS NUMBER	105931-57-5	FORMULA	C ₄₇ H ₅₄ N ₅ O ₈ P
FORMULA WEIGHT	847.96g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(M776796)	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
Phosphorus NMR Spectra	Conforms to Structure
Residual Solvent by GC-HS	0-3 (%)
Purity(HPLC)(mixture of isomers)	98-100 (%)