



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

Internet: www.aicma.com Email: info@aicma.com

SPECIFICATION SHEET

2'-OMETHYL-rC (N-Ac) PHOSPHORAMIDITE

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
2MCGCP	1960	-	April 7, 2008	RIWII	Original	MVL

CHARACTERISTICS:	White to off white powder
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MOLECULAR FORMULA:	C ₄₂ H ₅₂ N ₅ O ₉ P
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MOLECULAR WEIGHT:	801.88 g/mole
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SPECIFICATIONS:	Purity by HPLC	98% min
	Purity by 31P NMR	98% min
	Coupling Yield	98% min
	Solubility	Clear, free of foreign matter
	TLC	One spot

STOCKING POINTS:	Framingham, MA; Muskego, WI
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PACKAGING:	1 g, 10 g, 100 g amber vials
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APPLICATIONS:	Base replacement in RNA synthesis
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SPECIAL STORAGE INSTRUCTIONS:	Store at -20°C
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