



# American International Chemical, Inc.

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## SPECIFICATION SHEET

### 2'-OMETHYL-rU PHOSPHORAMIDITE

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

<b>CHARACTERISTICS:</b>	White to off white powder
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<b>MOLECULAR FORMULA:</b>	C <sub>40</sub> H <sub>49</sub> N <sub>4</sub> O <sub>9</sub> P
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<b>MOLECULAR WEIGHT:</b>	760.82 g/mole
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<b>SPECIFICATIONS:</b>	Purity by HPLC	98% min
	Purity by 31P NMR	98% min
	Coupling Yield	98% min
	Solubility	Clear, free of foreign matter
	TLC	One spot

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