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Typical Product Specifications & Properties

Guanosine

CAS Number: : 118-00-3

Specifications	Limits
Molecular weight	235.24
EINECS	204-227-8
SMILES	<chem>NC1=NC2N(cnc2C(=O)N1)[C@@H]3O[C@H](CO)[C@@H](O)[C@H]3O</chem>
InChI	1S/C10H13N5O5/c11-10-13-7-4(8(19)14-10)12-2-15(7)9-6(18)5(17)3(1-16)20-9/h2-3,5-6,9,16-18H,1H2,(H3,11,13,14,19)/t3-,5-,6-,9-/m1/s1
InChIKey	NYHBQMYGNKIUIF-UUOKFMHZSA-N
Merck	14,4566
Storage Temperature	Store at room temperature.
Solubility	0.1 M NaOH: 0.1 g/mL, clear, slightly yellow
Water solubility	0.75 g/L (25 °C)
Alpha	-62 ° (c=3, in 0.1 N NaOH)
Refractive Index	-76 ° (C=1, 1mol/L NaOH)
BRN Number	625911



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Specifications	Limits
Melting Point	250 °C (dec.)



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