

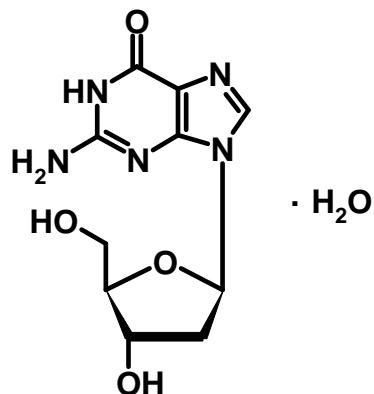
Product Specifications

Product: **2'-Deoxyguanosine Monohydrate**

Syn: 9-(2-Deoxy-β-D-erythro-pentofuranosyl)guanine; Deoxyguanosine; Guanine Deoxyriboside

CAS No.: 961-07-9

Structure:



Mol. Formula

$C_{10}H_{13}N_5O_4 \cdot H_2O$

Mol. Wt.

285.26

<i>Test</i>	<i>Specification</i>
Identity	IR
Appearance	White microcryst. solid
Mp	250-252 °C [Lit.]
Specific Rot., $[\alpha]_D$	- 40 ° [c = 1; 0.1 N NaOH (aq.)] [Lit.]
Assay (hplc)	> 99 %
Ash (residue on ignition)	< 0.5 %
Heavy metals (Pb)	< 10 ppm

Storage: Maintain in cool, dry containment.