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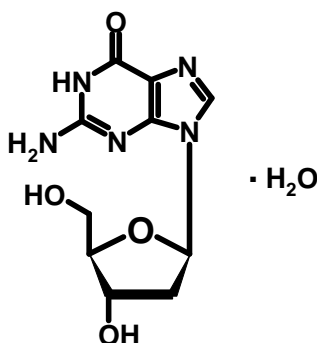
Product Specifications

2'-Deoxyguanosine Monohydrate

CAS 961-07-9

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

Structure:



Mol. Formula
Source

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

Mol. Wt.

285.26

Test

Specification

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

Storage: Maintain in cool, dry containment.