

Certificate of Analysis

8-Bromoguanosine

Cat. No.: HY-W019033 CAS No.: 4016-63-1 Batch No.: 267793

Chemical Name: Guanosine, 8-bromo-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{10}H_{12}BrN_5O_5$

Molecular Weight: 362.14

Storage: -20°C, protect from light

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

ANALYTICAL DATA

Off-white to pink (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.99% $OR[\alpha](C=2 g/100ml DMSO)$: -15.0°

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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