



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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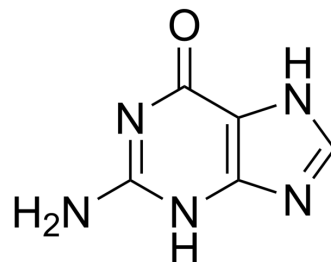
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Guanine (Standard)

Cat. No.:	HY-Y1055R
CAS No.:	73-40-5
Molecular Formula:	C ₅ H ₅ N ₅ O
Molecular Weight:	151.13
Target:	DNA/RNA Synthesis; Endogenous Metabolite
Pathway:	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Guanine (Standard) is the analytical standard of Guanine. This product is intended for research and analytical applications. Guanine is one of the fundamental components of nucleic acids (DNA and RNA). Guanine is a purine derivative, consisting of a fused pyrimidine-imidazole ring system with conjugated double bonds. Guanine has the potential to serve as a large-capacity N pool^[1].

REFERENCES

[1]. Mojzeš P, et al. Guanine, a high-capacity and rapid-turnover nitrogen reserve in microalgal cells. Proc Natl Acad Sci U S A. 2020 Dec 22;117(51):32722-32730.

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

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