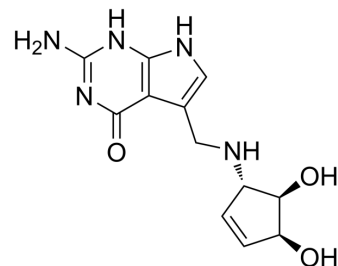


Queuine

Cat. No.:	HY-N10574
CAS No.:	72496-59-4
Molecular Formula:	C ₁₂ H ₁₅ N ₅ O ₃
Molecular Weight:	277.28
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Queuine is a hypermodified nucleobase, which is modified to queuosine. Queuine, as an important micronutrient, can be used for the research of diseases associated with human gut microbiome^[1].

REFERENCES

[1]. Yifeng Yuan, et al. Discovery of novel bacterial queuine salvage enzymes and pathways in human pathogens. Proc Natl Acad Sci U S A. 2019 Sep 17;116(38):19126-19135.

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

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