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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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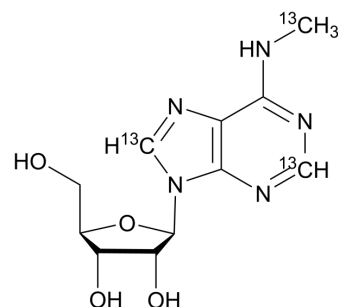
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N6-Methyladenosine-¹³C₃

Cat. No.:	HY-N0086S3
Molecular Formula:	C ₈ ¹³ C ₃ H ₁₅ N ₅ O ₄
Molecular Weight:	284.25
Target:	Isotope-Labeled Compounds; Influenza Virus; Endogenous Metabolite
Pathway:	Others; Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

N6-Methyladenosine-¹³C₃ (6-Methyladenosine-¹³C₃) is ¹³C-labeled N6-Methyladenosine (HY-N0086). N6-Methyladenosine is the most prevalent internal (non-cap) modification present in the messenger RNA (mRNA) of all higher eukaryotes. N6-Methyladenosine can modifies viral RNAs and has antiviral activities^{[1][2][3]}.

REFERENCES

- [1]. Wang X, et al. N6-methyladenosine-dependent regulation of messenger RNA stability. *Nature*. 2014 Jan 2;505(7481):117-20.
- [2]. Li Y, et al. Genome-wide detection of high abundance N6-methyladenosine sites by microarray. *RNA*. 2015 Aug;21(8):1511-8.
- [3]. Dang W, et al. N6-Methyladenosine and Viral Infection. *Front Microbiol*. 2019 Mar 5;10:417.

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

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