



# 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

### SZABO-SCANDIC HandelsgmbH

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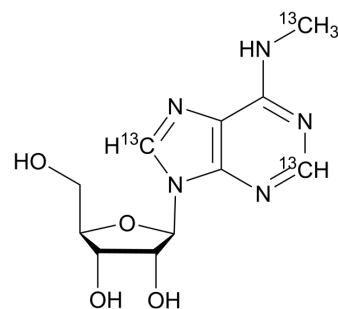
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## N6-Methyladenosine-<sup>13</sup>C<sub>3</sub>

Cat. No.:	HY-N0086S3
Molecular Formula:	C <sub>8</sub> <sup>13</sup> C <sub>3</sub> H <sub>15</sub> N <sub>5</sub> O <sub>4</sub>
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-<sup>13</sup>C<sub>3</sub> (6-Methyladenosine-<sup>13</sup>C<sub>3</sub>) is <sup>13</sup>C-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 modify viral RNAs and has antiviral activities<sup>[1][2][3]</sup>.

### 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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