



# 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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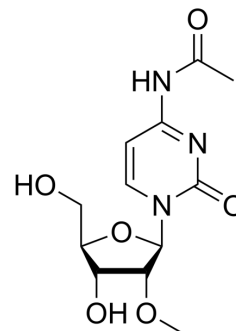
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## N4-Acetyl-2'-O-methylcytidine

Cat. No.:	HY-W114327
CAS No.:	113886-71-8
Molecular Formula:	C <sub>12</sub> H <sub>17</sub> N <sub>3</sub> O <sub>6</sub>
Molecular Weight:	299.28
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

N4-Acetyl-2'-O-methylcytidine (ac4Cm) is an RNA with dual acetylation and methoxidation modifications found in thermophilic archaea. N4-Acetyl-2'-O-methylcytidine has been implicated in the adaptability of archaea in extreme environments, enhancing RNA stability through dual modification<sup>[1]</sup>.

### REFERENCES

[1]. Thomas J M, Bryson K M, Meier J L. Nucleotide resolution sequencing of N4-acetylcytidine in RNA[M]//Methods in enzymology. Academic Press, 2019, 621: 31-51.

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

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