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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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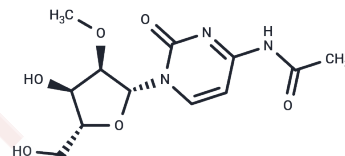
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N4-Acetyl-2'-O-methylcytidine

Chemical Properties

CAS No. :	113886-71-8
Formula:	C ₁₂ H ₁₇ N ₃ O ₆
Molecular Weight:	299.28
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	N4-Acetyl-2'-O-methylcytidine (ac4Cm), featuring dual acetylation and methoxidation modifications, plays a crucial role in the adaptability of thermophilic archaea to extreme environments. This compound enhances RNA stability, which contributes to the resilience of these organisms [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3414 mL	16.7068 mL	33.4135 mL
5 mM	0.6683 mL	3.3414 mL	6.6827 mL
10 mM	0.3341 mL	1.6707 mL	3.3414 mL
50 mM	0.0668 mL	0.3341 mL	0.6683 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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