



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

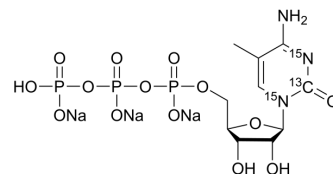
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## 5-Methylcytidine 5'-triphosphate-<sup>15</sup>N<sub>2</sub>, <sup>13</sup>C trisodium

|                           |                                                                                                                           |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Cat. No.:</b>          | HY-147338S1                                                                                                               |
| <b>Molecular Formula:</b> | C <sub>9</sub> <sup>13</sup> CH <sub>15</sub> N <sup>15</sup> <sub>2</sub> Na <sub>3</sub> O <sub>14</sub> P <sub>3</sub> |
| <b>Molecular Weight:</b>  | 566.11                                                                                                                    |
| <b>Target:</b>            | DNA/RNA Synthesis                                                                                                         |
| <b>Pathway:</b>           | Cell Cycle/DNA Damage                                                                                                     |
| <b>Storage:</b>           | Please store the product under the recommended conditions in the Certificate of Analysis.                                 |



### BIOLOGICAL ACTIVITY

#### Description

5-Methylcytidine 5'-triphosphate-<sup>15</sup>N<sub>2</sub>, <sup>13</sup>C (5-Methyl-CTP-<sup>15</sup>N<sub>2</sub>, <sup>13</sup>C) trisodium is the <sup>15</sup>N and <sup>13</sup>C labeled 5-Methylcytidine 5'-triphosphate (HY-147338). 5-Methylcytidine 5'-triphosphate is a modified nucleoside triphosphate<sup>[1]</sup>.

### REFERENCES

[1]. Shanmugasundaram M, et al. An Efficient Protection-Free One-Pot Chemical Synthesis of Modified Nucleoside-5'-Triphosphates. Nucleosides Nucleotides Nucleic Acids. 2016 Jul 2;35(7):356-62.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA