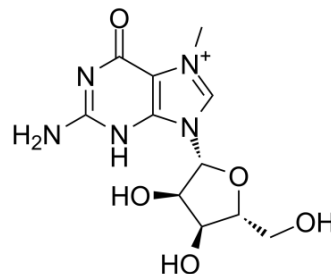


## 7-Methylguanosine

Cat. No.:	HY-122524
CAS No.:	20244-86-4
Molecular Formula:	C <sub>11</sub> H <sub>16</sub> N <sub>5</sub> O <sub>5</sub> <sup>+</sup>
Molecular Weight:	298.27
Target:	Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

#### Description

7-Methylguanosine is a novel cNIIIB nucleotidase inhibitor with IC<sub>50</sub> value of 87.8 ± 7.5 μM.

### REFERENCES

[1]. Kozarski M, et al. 7-Methylguanosine monophosphate analogues with 5'-(1,2,3-triazoyl) moiety: Synthesis and evaluation as the inhibitors of cNIIIB nucleotidase. *Bioorg Med Chem*. 2018 Jan 1;26(1):191-199.

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

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