

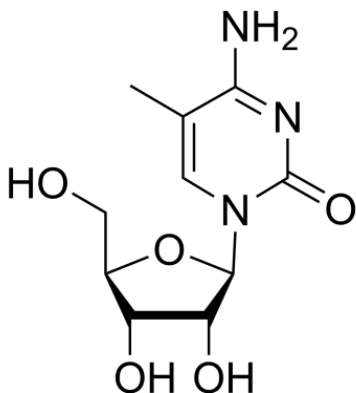
## 5-Methylcytidine

Catalog Number	Packaging Size
LP014-1	1 g
LP014-2	5 g
LP014-3	10 g

Storage upon receipt: -20°C

5-Methylcytidine is a modified nucleoside derived from 5-methylcytosine and is a minor constituent of RNA as well as DNA for certain organisms. Roughly one to two residues of 5-methylcytidine occur in every 1,000 RNA residues. It has been used in epigenetics research, especially in studies involving DNA methylation processes involved in the establishment of genomic imprinting and in the control of gene expression and differentiation.

**For research use only.**



### Technical Information

<b>Chemical Name:</b>	5-Methylcytidine
<b>CAS Number:</b>	2140-61-6
<b>Molecular Formula:</b>	C <sub>10</sub> H <sub>15</sub> N <sub>3</sub> O <sub>5</sub>
<b>Molecular Weight:</b>	257.24
<b>Appearance:</b>	White solid
<b>Purity:</b>	>98%
<b>Storage Condition:</b>	-20°C
<b>Shipping Condition:</b>	Room Temperature