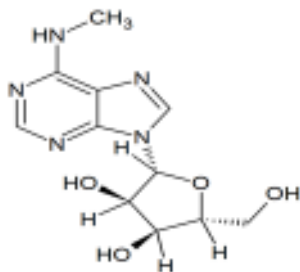


# N<sup>6</sup>-Methyladenosine

**ALTERNATE NAME:** NSC-29409  
N-methyl-adenosine  
m6A  
NSC29409

**CATALOG #:** B2715-50 50 mg  
B2715-250 250 mg



**MOLECULAR FORMULA:** C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>O<sub>4</sub>

**MOLECULAR WEIGHT:** 281.27

**CAS NUMBER:** 1867-73-8

**APPEARANCE:** White to off-white solid

**PURITY:** ≥98% by HPLC

**SOLUBILITY:** ~10 mg/ml DMSO

**DESCRIPTION:** N<sup>6</sup>-Methyladenosine is an adenosine analog that inhibits epinephrine-induced contraction of isolated guinea pig ileum and thoracic aorta. It decreases arterial blood pressure and renal blood flow and increases peripheral resistance in anesthetized dogs. As a modification in the messenger RNA (mRNA), it is the most prevalent internal modification of mRNA in all higher eukaryotes. Also found in tRNA, rRNA, and small nuclear RNA (snRNA).

**STORAGE TEMPERATURE:** -20°C. Protect from moisture

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

SQ 22536 (2019)  
2',5'-Dideoxyadenosine (2770)  
5-Methylcytidine (2306)

**DISCLAIMER:** ***FOR RESEARCH USE ONLY! Not to be used on humans.***