

---

## Product Information Sheet

### Ordering Information

Product Number:	17100
Product Name:	N6-Methyladenosine-Biotin conjugate
Unit Size:	1 mg
Storage Conditions:	Freeze (<-15 °C), Minimize light exposure
Expiration Date:	12 months upon receiving

### Chemical and Spectral Properties

Appearance:	Solid
Molecular Weight:	753.87
Soluble In:	DMSO
Excitation Wavelength:	N/A
Emission Wavelength:	N/A

### Application Notes

N6-Methyladenosine is an abundant modification in mRNA and is found within some viruses, and most eukaryotes including mammals, insects, plants and yeast. It is also found in tRNA, rRNA, and small nuclear RNA (snRNA) as well as several long non-coding RNA, such as Xist. The methylation of adenosine is directed by a large N6-Methyladenosine methyltransferase complex containing METTL3 as the SAM-binding sub-unit. The biological functions of m6A are mediated through a group of RNA binding proteins that specifically recognize the methylated adenosine on RNA. This biotinylated N6-Methyladenosine derivative can be used for detecting the RNA modifications related to N6-Methyladenosine.