

Product Name	: 3'-O-Methyl guanosine
Synonyms	: —
Cat No.	: M37881
CAS Number	: 10300-27-3
Molecular Formula	: C ₁₁ H ₁₅ N ₅ O ₅
Formula Weight	: 297.27
Chemical Name	: —
Description	: 3'-O-Methylguanosine is a methylated nucleoside analogs and a RNA chain terminator. 3'-O-methylguanosine can inhibit early virus-specific RNA synthesis.
Pathway	: Proteasome/Ubiquitin
Target	: Endogenous Metabolite
Receptor	: Endogenous Metabolite
Solubility	: In Vitro: DMSO : 25 mg/mL (84.10 mM); Ultrasonic (<60°C)
SMILES	: <chem>CO[C@@H]1[C@@H](CO)O[C@H]([C@@H]1O)n1cnc2c1[nH]c(N)nc2=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. B B Goswami, et al. Inhibition of vaccinia virus growth and virus-specific RNA synthesis by 3'-O-methyl adenosine and 3'-O-methyl guanosine. J Virol. 1983 Mar;45(3):1164-7.?