

Product Name	: 6-O-Methyl Guanosine
Synonyms	: —
Cat No.	: M20820
CAS Number	: 7803-88-5
Molecular Formula	: C ₁₁ H ₁₅ N ₅ O ₅
Formula Weight	: 297.27
Chemical Name	: —
Description	: 6-O-Methyl Guanosine inhibit colony-forming ability in a malignant xeroderma pigmentosum cell line.
Pathway	: Cell Cycle/DNA Damage
Target	: Nucleoside Antimetabolite/Analog
Receptor	: Nucleoside
Solubility	: DMSO:130 mg/mL (437.31 mM)
SMILES	: <chem>COc1nc(N)nc2c1ncn2[C@@H]1O[C@H](CO)[C@@H](O)[C@H]1O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Thielmann HW Edler L Müller Net al.6-Methylguanine and 6-methylguanosine inhibit colony-forming ability in a malignant xeroderma pigmentosum cell line but not in other xeroderma pigmentosum and normal human fibroblast strains after treatment with 1-(2-chloroethyl)-1-nitroso-3-(2-hydroxyethyl)-urea[J].J Cancer Res Clin Oncol. 1987;113(1):67-72.