

## Product Information

### DMT-2'-OMe-GDMF for nucleotide synthesis

**Cat. No.:** X24-04-QCY085

**Size:** 5 mg; 10 mg; 50 mg; 100 mg; 200 mg

**Compound CID:** 137166363

**Synonym:** 5'-O-DMT-*N*2-Dimethylformamide-2'-O-methyl-guanosine; Nucleotide synthesis reagent

**This product is for research use only and is not intended for diagnostic use.**

#### Product Information

<b>Description</b>	DMT-2'-OMe-GDMF is a novel nucleoside analog with antiviral, anticancer, and immunomodulatory properties. It can be prepared by condensation of deoxyadenosine-monophosphate and methylaniline.
<b>Molecular Weight</b>	654.72
<b>Molecular Formula</b>	$C_{35}H_{36}N_6O_7$
<b>Form</b>	Powder
<b>Purity</b>	≥98%
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Applications</b>	DMT-2'-OMe-GDMF can be used to increase affinity for ribonucleotide reductase (RNR) and can also be used to probe the process of DNA synthesis.
<b>Storage</b>	Store at 4°C.