

## Product Information

### 5-O-DMT-N6-methyl-2'-deoxyadenosine

**Cat. No.:** X23-06-YW152

**Size:** 250 mg; 500 mg; 1 g; 5g; 10g

**MDL:** MFCD00079127

**CAS Number:** 98056-69-0

**PubChem CID:** 10897065

**Synonym:** 5'-O-DMT-N6-Me-dA; 5'-O-DMT-N6-methyl-2'-deoxyadenosine;

(2*R*,3*S*,5*R*

)-2-((Bis(4-

methoxyphenyl)(phenyl

)methoxy)methyl)-5-(6-(methylamino)-9*H*-purin-9-yl)tetrahydrofuran-3-ol;

5'-O-DMT-N6-Me-2'-dA;

5'-O-[Bis(4-methoxyphenyl)phenylmethyl]-2'-deoxy-*N*-methyladenosine

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

#### Product Information

<b>Molecular Weight</b>	567.646
<b>Molecular Formula</b>	C <sub>32</sub> H <sub>33</sub> N <sub>5</sub> O <sub>5</sub>
<b>InChI</b>	InChI=1S/C32H33N5O5/c1-33-30-29-31(35-19-34-30)37(20-36-29)28-17-26(38)27(42-28)18-41-32(21-7-5-4-6-8-21,22-9-13-24(39-2)14-10-22)23-11-15-25(40-3)16-12-23/h4-16,19-20,26-28,38H,17-18H2,1-3H3,(H,33,34,35)/t26-,27+,28+/m0/s1
<b>InChI Key</b>	OKZZBPBWGABLJR-UPRLRBBYSA-N
<b>Canonical SMILES</b>	<chem>CNC1=C2C(=NC=N1)N(C=N2)C3CC(C(O3)COC(C4=CC=CC=C4)(C5=CC=C(C=C5)OC)C6=CC=C(C=C6)OC)O</chem>
<b>Isomeric SMILES</b>	<chem>CNC1=C2C(=NC=N1)N(C=N2)[C@H]3C[C@@H]([C@H](O3)COC(C4=CC=CC=C4)(C5=CC=C(C=C5)OC)C6=CC=C(C=C6)OC)O</chem>
<b>Form</b>	White to off-white powder
<b>Purity</b>	≥98%
<b>Applications</b>	5-O-DMT-N6-methyl-2'-deoxyadenosine can be used in the synthesis of deoxyribonucleic acid or nucleic acid.
<b>Storage</b>	Store at 4°C.

