

Product Information

N1-Methyladenosine hydroiodide

Cat. No.: X24-03-LY661

Size: 250 mg; 1 g; 5 g; 10 g; 25 g; 100 g

MDL: MFCD00058140

CAS Number: 34308-25-3

Compound CID: 121594811

Synonym: 34308-25-3; *N*-Methyladenosine hydroiodide;

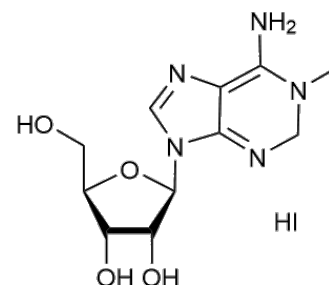
(2*R*,3*S*,4*R*,5*R*)-2-(Hydroxymethyl)-5-(6-imino-1-methylpurin-9-yl)oxolane-3,4-diol hydroiodide;

(2*R*,3*S*,4*R*,5*R*

)-2-(Hydroxymethyl)-5-(6-imino-1-methyl-1*H*-purin-9(6*H*)-yl)tetrahydrofuran-3,4-diol hydroiodide;

(2*R*,3*S*,4*R*,5*R*

)-2-(Hydroxymethyl)-5-(6-imino-1-methyl-6,9-dihydro-1*H*-purin-9-yl)oxolane-3,4-diol hydroiodide



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

Product Information

Description	<i>N</i> 1-Methyladenosine hydroiodide is a purine protective nucleoside.
Molecular Weight	411.20
Molecular Formula	C ₁₁ H ₁₈ IN ₅ O ₄
IUPAC Name	(2 <i>R</i> ,3 <i>S</i> ,4 <i>R</i> ,5 <i>R</i>)-2-(Hydroxymethyl)-5-(6-imino-1-methylpurin-9-yl)oxolane-3,4-diol;hydroiodide
InChI	InChI=1S/C11H15N5O4.HI/c1-15-3-14-10-6(9(15)12)13-4-16(10)11-8(19)7(18)5(2-17)20-11;/h3-5,7-8,11-12,17-19H,2H2,1H3;1H/t5-,7-,8-,11-;/m1./s1
InChI Key	HRVIETAHBNHGAH-YCSZXMBFSA-N
Canonical SMILES	CN1C=NC2=C(C1=N)N=CN2C3C(C(C(O3)CO)O)O.I
Isomeric SMILES	CN1C=NC2=C(C1=N)N=CN2[C@H]3[C@@H]([C@@H]([C@H](O3)CO)O)O.I
Form	Solid
Purity	≥98%
Applications	<i>N</i> 1-Methyladenosine hydroiodide can be used as a substrate or inhibitor for RNA modifying enzymes.



Storage

Store at -20°C.
