

Product Information

Protected nucleoside N6-Bz-3',5'-TIPDS-Ar

Cat. No.: X24-08-LY016

Size: 25 mg; 50 mg; 100 mg; 250 mg; 500 mg

CAS Number: 79154-57-7

Compound CID: 11169469

Synonym: 79154-57-7 ; N6-Benzoyl-3',5'-O

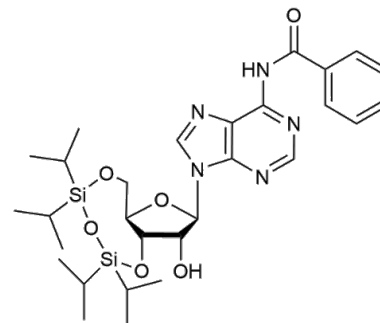
-(1,1,3,3-tetraisopropyl-1,3-disiloxanediyl)adenosine; N-(9-((6aR,8R,9R,9aS)-9-Hydroxy-2,2,4,4-tetraisopropyltetra-

hydro-6H-furo[3,2-f][1,3,5,2,4]trioxadisilocin-8-yl)-9H-purin-6-yl)benzamide;

3',5'-TIPS-N6-Benzoyl-adenosine;

N6-Benzoyl-3',5'-O-(tetraisopropyl-disiloxane-1,3-diyl)-adenosine; N

-Benzoyl-3',5'-O-[1,1,3,3-tetrakis(1-methylethyl)-1,3-disiloxanediyl]-Adenosine



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

Product Information

Description	N6-Bz-3',5'-TIPDS-Ar a modified adenosine derivative with high solubility and stability.
Molecular Weight	613.85
Molecular Formula	C ₂₉ H ₄₃ N ₅ O ₆ Si ₂
IUPAC Name	N-[9-[(6aR,8R,9R,9aS)-9-Hydroxy-2,2,4,4-tetra(isopropyl)-6a,8,9,9a-tetrahydro-6H-furo[3,2-f][1,3,5,2,4]trioxadisilocin-8-yl]purin-6-yl]benzamide
InChI	InChI=1S/C29H43N5O6Si2/c1-17(2)41(18(3)4)37-14-22-25(39-42(40-41,19(5)6)20(7)8)24(35)29(38-22)34-16-32-23-26(30-15-31-27(23)34)33-28(36)21-12-10-9-11-13-21/h9-13,15-20,22,24-25,29,35H,14H2,1-8H3,(H,30,31,33,36)/t22-,24-,25-,29-/m1/s1
InChI Key	MYWCSMGAXNSPA-UQCYUJMQSA-N
Canonical SMILES	CC(C)[Si]1(OCC2C(C(C(O2)N3C=NC4=C(N=CN=C43)NC(=O)C5=CC=CC=C5)O)O[Si](O1)(C(C)C)C(C)C)C(C)C
Isomeric SMILES	CC(C)[Si]1(OC[C@@H]2[C@H]([C@H]([C@@H](O2)N3C=NC4=C(N=CN=C43)NC(=O)C5=CC=C(C=C5)O)O[Si](O1)(C(C)C)C(C)C)C(C)C
Form	White, off-white to faint yellow powder
Purity	≥98%, determined by HPLC.



Applications N6-Bz-3',5'-TIPDS-Ar is suitable for biological drug delivery systems and drug synthesis areas.

Storage Store at 4°C.

Safety Information

Personal Protective Equipment Gloves, eyeshields, N95 mask
