



Product Information

dA-Aai

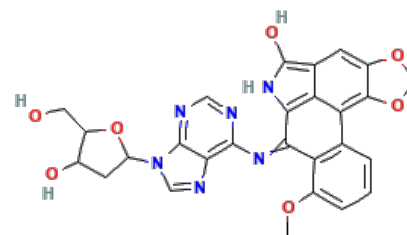
Cat. No.: X22-05-ZQ302

Size: 5 mg; 20 mg; 50 mg; 100 mg

CAS Number: 127191-86-0

Compound CID: 124428

Synonym: 127191-86-0; dA-Aai; 12-[9-[4-Hydroxy-5-(hydroxymethyl)oxolan-2-yl]purin-6-yl]imino-14-methoxy-3,5-dioxo-10-azapentacyclo[9.7.1.02,6.08,19.013,18]nonadeca-1,6,8,11(19),13(18),14,16-heptaen-9-ol



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

Product Information

Description	dA-Aai participates in the processes that lead to renal damage. Aristololactam I directly injures renal proximal tubule cells, and the cytotoxic effects of these molecules are mediated through the induction of apoptosis in a caspase-3-dependent pathway. This product can be used for content determination, identification, and pharmacological experiments, etc.
Molecular Weight	542.508
Molecular Formula	C ₂₇ H ₂₂ N ₆ O ₇
IUPAC Name	12-[9-[4-Hydroxy-5-(hydroxymethyl)oxolan-2-yl]purin-6-yl]imino-14-methoxy-3,5-dioxo-10-azapentacyclo[9.7.1.02,6.08,19.013,18]nonadeca-1,6,8,11(19),13(18),14,16-heptaen-9-ol
InChI	InChI=1S/C27H22N6O7/c1-37-14-4-2-3-11-18(14)21(22-19-12(27(36)32-22)5-15-24(20(11)19)39-10-38-15)31-25-23-26(29-8-28-25)33(9-30-23)17-6-13(35)16(7-34)40-17/h2-5,8-9,13,16-17,32,34-36H,6-7,10H2,1H3
InChI Key	UJUDOVXXLPFCGM-UHFFFAOYSA-N
Canonical SMILES	<chem>COC1=CC=CC2=C1C(=NC3=C4C(=NC=N3)N(C=N4)C5CC(C(O5)CO)O)C6=C7C2=C8C(=CC7=C(N6)O)OCO8</chem>
Form	Solid
Purity	≥98%, determined by HPLC.
Identity	Confirmed by MS and NMR.
Stability	The product is stable for two years when stored at the recommended temperature.
Applications	dA-Aai can be used for content determination, identification, and pharmacological experiments, etc.
Storage	Store at 4°C. Protect from light.



Safety Information

Personal Protective Equipment	Gloves, eyeshields, N95 mask
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