



Product Information

Crotonoside

Cat. No.: X23-04-XQ238

Size: 20 mg; 100 mg; 200 mg; 500 mg; 1 g

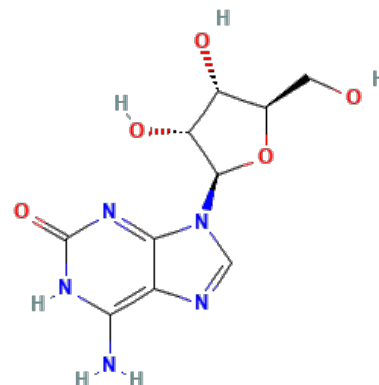
MDL: MFCD04971989

CAS Number: 1818-71-9

Compound CID: 65085

Synonym: 1818-71-9; Crotonoside; 2-Hydroxyadenosine; Isoguanosine; Crotonosid; Isoguanine riboside; 1,2-Dihydro-2-oxoadenosine; 2-Oxoado (isoguanosine)

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



Product Information

Description	Crotonoside, a guanosine analog originally isolated from <i>Crotontigium</i> , is reported to be a potent tyrosine kinase inhibitor with immunosuppressive effects on immune cells.
Molecular Weight	283.09
Molecular Formula	C ₁₀ H ₁₃ O ₅ N ₅
IUPAC Name	6-Amino-9-[(2R,3R,4S,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-1H-purin-2-one
InChI	InChI=1S/C10H13N5O5/c11-7-4-8(14-10(19)13-7)15(2-12-4)9-6(18)5(17)3(1-16)20-9/h2-3,5-6,9,16-18H,1H2,(H3,11,13,14,19)/t3-,5-,6-,9-/m1/s1
InChI Key	MIKUYHXYGGJMLM-UUOKFMHZSA-N
Canonical SMILES	C1=NC2=C(NC(=O)N=C2N1C3C(C(C(O3)CO)O)O)N
Isomeric SMILES	C1=NC2=C(NC(=O)N=C2N1[C@H]3[C@@H]([C@@H]([C@H](O3)CO)O)O)N
Source	<i>Croton</i>
Purity	>98%, determined by HPLC.
Identity	Confirmed by NMR and MS.
Stability	The product is stable for two years when stored at the recommended temperature.
Applications	Crotonoside can be used for immunosuppressive effect experiments, etc.
Storage	Store at 4°C. Protect from light.

Safety Information

Personal Protective Gloves, eyeshields, N95 mask



Equipment
