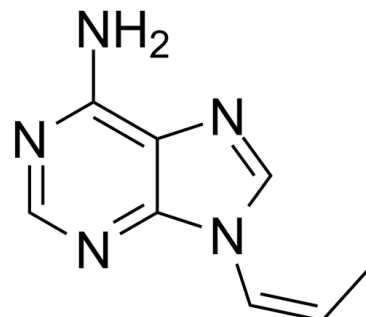


Data Sheet

Product Name:	(Z)-9-Propenyladenine
Cat. No.:	CS-6247
CAS No.:	1464851-21-5
Molecular Formula:	C ₈ H ₉ N ₅
Molecular Weight:	175.19
Target:	HIV
Pathway:	Anti-infection
Solubility:	DMSO : ≥ 31 mg/mL (176.95 mM)



BIOLOGICAL ACTIVITY:

(Z)-9-Propenyladenine is a mutagenic impurity in tenofovir disoproxil fumarate. Tenofovir is an antiretroviral drug known as nucleotide analogue reverse transcriptase (**NtART**) inhibitor, which blocks reverse transcriptase, a crucial virus enzyme in HIV-1 and HBV.

CAIndexNames:

9H-Purin-6-amine, 9-(1Z)-1-propen-1-yl-

SMILES:

NC1=C2N=CN(C=C\C2)C1=NC=N1

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA