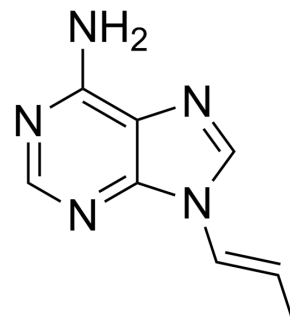


## 9-Propenyladenine (Standard)

Cat. No.:	HY-100079R
CAS No.:	1446486-33-4
Molecular Formula:	C <sub>8</sub> H <sub>9</sub> N <sub>5</sub>
Molecular Weight:	175.19
Target:	HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 29 mg/mL (165.53 mM)

\* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM		5.7081 mL	28.5404 mL	57.0809 mL
	5 mM		1.1416 mL	5.7081 mL	11.4162 mL
	10 mM		0.5708 mL	2.8540 mL	5.7081 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

9-Propenyladenine (Standard) is the analytical standard of 9-Propenyladenine. This product is intended for research and analytical applications. 9-Propenyladenine is a mutagenic impurity in tenofovir disoproxil fumarate. Tenofovir is an antiretroviral agent known as nucleotide analogue reverse transcriptase inhibitors, which block reverse transcriptase, a crucial virus enzyme in HIV-1 and HBV.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

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