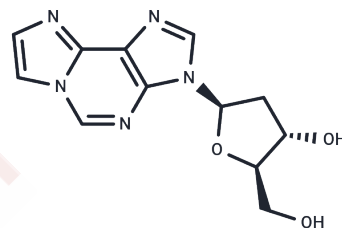


## N6-Etheno 2'-deoxyadenosine

## Chemical Properties

CAS No. :	68498-25-9
Formula:	C <sub>12</sub> H <sub>13</sub> N <sub>5</sub> O <sub>3</sub>
Molecular Weight:	275.26
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	N6-Etheno 2'-deoxyadenosine is used as a biomarker to evaluate chronic inflammation and lipid peroxidation in animal or human tissues.
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others,Endogenous Metabolite

## Solubility Information

Solubility	H <sub>2</sub> O: 7.14 mg/mL (25.94 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6329 mL	18.1646 mL	36.3293 mL
5 mM	0.7266 mL	3.6329 mL	7.2659 mL
10 mM	0.3633 mL	1.8165 mL	3.6329 mL
50 mM	0.0727 mL	0.3633 mL	0.7266 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Gao L, et al. DNA Product Formation in Female Sprague-Dawley Rats Following Polyhalogenated Aromatic Hydrocarbon (PHAH) Exposure. Chem Res Toxicol. 2017 Mar 20;30(3):794-803.

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