

## 8-Chloro-2'-deoxy-2'-fluoro-arabino adenosine

## Chemical Properties

CAS No. :

Formula: C<sub>10</sub>H<sub>11</sub>ClFN<sub>5</sub>O<sub>3</sub>

Molecular Weight: 303.68

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	8-Chloro-2'-deoxy-2'-fluoro-arabino adenosine, a purine nucleoside analog, demonstrates broad antitumor activity against indolent lymphoid malignancies by inhibiting DNA synthesis and inducing apoptosis, among other mechanisms [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2929 mL	16.4647 mL	32.9294 mL
5 mM	0.6586 mL	3.2929 mL	6.5859 mL
10 mM	0.3293 mL	1.6465 mL	3.2929 mL
50 mM	0.0659 mL	0.3293 mL	0.6586 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.

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