

## 6-Methoxypurine-9-beta-D-(3-methoxy riboside)

## Chemical Properties

CAS No. :

Formula: C<sub>12</sub>H<sub>16</sub>N<sub>4</sub>O<sub>5</sub>

Molecular Weight: 296.28

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	6-Methoxypurine-9-beta-D-(3-methoxy riboside), a purine nucleoside analog, exhibits extensive antitumor effects, particularly against indolent lymphoid malignancies. Its anticancer mechanisms include the inhibition of DNA synthesis and the induction of apoptosis, among others [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3752 mL	16.8759 mL	33.7519 mL
5 mM	0.675 mL	3.3752 mL	6.7504 mL
10 mM	0.3375 mL	1.6876 mL	3.3752 mL
50 mM	0.0675 mL	0.3375 mL	0.675 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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