

## 5'-DMTr-3'dA(Bz)-methylphosphonamide

## Chemical Properties

CAS No. :

Formula: C<sub>45</sub>H<sub>51</sub>N<sub>6</sub>O<sub>6</sub>P

Molecular Weight: 802.9

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	5'-DMTr-3'dA(Bz)-methylphosphonamidite, a purine nucleoside analog, exhibits significant 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	1.2455 mL	6.2274 mL	12.4549 mL
5 mM	0.2491 mL	1.2455 mL	2.491 mL
10 mM	0.1245 mL	0.6227 mL	1.2455 mL
50 mM	0.0249 mL	0.1245 mL	0.2491 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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