

## 3'-O-TBDMS-2'-dA(Bz)

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 51549-40-7  |
| Formula:          | C <sub>23</sub> H <sub>31</sub> N <sub>5</sub> O <sub>4</sub> Si  |
| Molecular Weight: | 469.62  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |

## Biological Description

|               |   |
|---------------|---|
| Description   | 3'-O-TBDMS-2'-dA(Bz) is a monomer material used for nucleic acid synthesis. |
| Targets(IC50) | Nucleoside Antimetabolite/Analog  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.1294 mL | 10.6469 mL | 21.2938 mL |
| 5 mM  | 0.4259 mL | 2.1294 mL  | 4.2588 mL  |
| 10 mM | 0.2129 mL | 1.0647 mL  | 2.1294 mL  |
| 50 mM | 0.0426 mL | 0.2129 mL  | 0.4259 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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