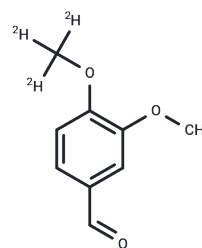


## Methyl vanillin-D3

## Chemical Properties

|                   |  |
|-------------------|--|
| CAS No. :         | 143318-06-3  |
| Formula:          | C <sub>9</sub> H <sub>7</sub> D <sub>3</sub> O <sub>3</sub>  |
| Molecular Weight: | 169.19   |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><small>Actual storage temperature shall be subject to the COA.</small> |



## Biological Description

|             |   |
|-------------|---|
| Description | Methyl vanillin-D3 is a deuterated compound of Methyl vanillin (TMSM-2913). |
|-------------|---|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 5.9105 mL | 29.5526 mL | 59.1051 mL |
| 5 mM  | 1.1821 mL | 5.9105 mL  | 11.821 mL  |
| 10 mM | 0.5911 mL | 2.9553 mL  | 5.9105 mL  |
| 50 mM | 0.1182 mL | 0.5911 mL  | 1.1821 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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