

## 5-Hydroxyindole-3-acetic Acid-D6

### Chemical Properties

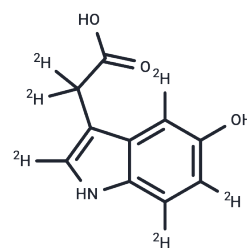
CAS No. :

Formula: C<sub>10</sub>H<sub>3</sub>D<sub>6</sub>NO<sub>3</sub>

Molecular Weight: 197.22

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-Hydroxyindole-3-acetic Acid-D6 is a deuterated compound of 5-Hydroxyindole-3-acetic Acid. 5-Hydroxyindole-3-acetic Acid (T4744) has a CAS number of 54-16-0. 5-Hydroxyindoleacetic acid (5HIAA) is a breakdown product of serotonin that is excreted in the urine. Serotonin and 5HIAA are produced in excess amounts by carcinoid tumors, and levels of these substances may be measured in the urine to test for carcinoid tumors (NCI).

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 5.0705 mL | 25.3524 mL | 50.7048 mL |
| 5 mM  | 1.0141 mL | 5.0705 mL  | 10.141 mL  |
| 10 mM | 0.507 mL  | 2.5352 mL  | 5.0705 mL  |
| 50 mM | 0.1014 mL | 0.507 mL   | 1.0141 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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