

## Homovanillic Acid-13C-D3

## Chemical Properties

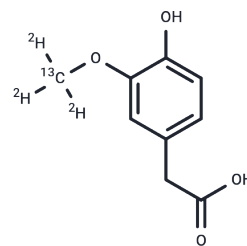
CAS No. :

Formula: 13CC8D3H7O4

Molecular Weight: 186.18

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

Homovanillic Acid-13C-D3 the 13C and deuterated compound of Homovanillic Acid (T3S0507). Homovanillic Acid has a CAS number of 306-08-1. Homovanillic acid is a dopamine metabolite found to be associated with aromatic L-amino acid decarboxylase deficiency, celiac disease, growth hormone deficiency, and sepiapterin reductase deficiency.

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 5.3711 mL | 26.8557 mL | 53.7115 mL |
| 5 mM  | 1.0742 mL | 5.3711 mL  | 10.7423 mL |
| 10 mM | 0.5371 mL | 2.6856 mL  | 5.3711 mL  |
| 50 mM | 0.1074 mL | 0.5371 mL  | 1.0742 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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