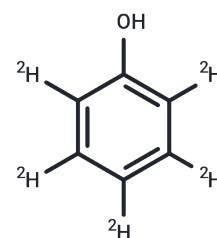


Phenol-D5 (2,3,4,5,6-D5)

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 4165-62-2 |
| Formula: | C6D5H1O |
| Molecular Weight: | 99.14 |
| 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 | Phenol-D5 (2,3,4,5,6-D5) is a deuterated compound of Phenol. Phenol (TRF-00198) has a CAS number of 108-95-2. Phenol, is a toxic, colourless crystalline solid with a sweet tarry odor that resembles a hospital smell. It is commonly used as an antiseptic and disinfectant. It is active against a wide range of micro-organisms including some fungi and viruses, but is only slowly effective against spores. It has been used to disinfect skin and to relieve itching. Phenol (TRF-00198) is also used in the preparation of cosmetics including sunscreens, hair dyes, and skin lightening preparations. It is also used in the production of drugs (it is the starting material in the industrial production of aspirin), weedkillers, and synthetic resins. |
|-------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|------------|------------|-------------|
| 1 mM | 10.0867 mL | 50.4337 mL | 100.8675 mL |
| 5 mM | 2.0173 mL | 10.0867 mL | 20.1735 mL |
| 10 mM | 1.0087 mL | 5.0434 mL | 10.0867 mL |
| 50 mM | 0.2017 mL | 1.0087 mL | 2.0173 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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