

Phenol-13C6

Chemical Properties

CAS No. : 89059-34-7

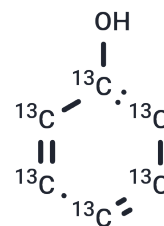
Formula: $^{13}\text{C}_6\text{H}_6\text{O}$

Molecular Weight: 100.07

Store at low temperature

Storage: Pure form: -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-13C6 is a ^{13}C -labeled Phenol (TRF-00198), which is an important chemical raw material used in the manufacture of fungicides and herbicides.
Targets(IC50)	Others

Solubility Information

Solubility	DMF: 10 mg/mL (99.93 mM), Sonication is recommended. Ethanol:PBS (pH 7.2) (1:4): < 1 mg/mL (insoluble or slightly soluble) DMSO: 10 mg/mL (99.93 mM), Sonication is recommended. Ethanol: 10 mg/mL (99.93 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.993 mL	49.965 mL	99.930 mL
5 mM	1.9986 mL	9.993 mL	19.986 mL
10 mM	0.9993 mL	4.9965 mL	9.993 mL
50 mM	0.1999 mL	0.9993 mL	1.9986 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.

Reference

Morten Salihi Karlsen, et, al. Test kit for the quantitative determination of narcotic drugs: US20150204893A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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