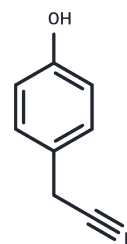


## 4-Hydroxybenzyl cyanide

## Chemical Properties

CAS No. :	14191-95-8
Formula:	C <sub>8</sub> H <sub>7</sub> NO
Molecular Weight:	133.15
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	4-Hydroxybenzyl cyanide (4-Hydroxyphenylacetonitrile) shows strong antioxidative activity.
Targets(IC50)	Endogenous Metabolite
In vitro	4-Hydroxyphenylacetonitrile showed strong antioxidative activity evaluated by the ferric thiocyanate method.

## Solubility Information

Solubility	DMSO: 27.5 mg/mL (206.53 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	7.5103 mL	37.5516 mL	75.1033 mL
5 mM	1.5021 mL	7.5103 mL	15.0207 mL
10 mM	0.751 mL	3.7552 mL	7.5103 mL
50 mM	0.1502 mL	0.751 mL	1.5021 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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