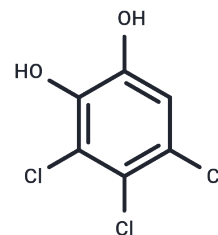


## 3,4,5-Trichlorocatechol

## Chemical Properties

CAS No. :	56961-20-7
Formula:	C <sub>6</sub> H <sub>3</sub> Cl <sub>3</sub> O <sub>2</sub>
Molecular Weight:	213.45
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	3,4,5-Trichlorocatechol is a catechol derivative formed from pentachlorophenol, known to induce oxidative lesions in DNA.
Targets(IC50)	Others,DNA/RNA Synthesis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6849 mL	23.4247 mL	46.8494 mL
5 mM	0.937 mL	4.6849 mL	9.3699 mL
10 mM	0.4685 mL	2.3425 mL	4.6849 mL
50 mM	0.0937 mL	0.4685 mL	0.937 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

Chia-Hua Lin, et al. Induction of cytotoxicity, aldehydic DNA lesions, and poly(ADP-ribose) polymerase-1 activation by catechol derivatives of pentachlorophenol in calf thymus DNA and in human breast cancer cells. Chem Res Toxicol. 2005 Feb;18(2):257-64.

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