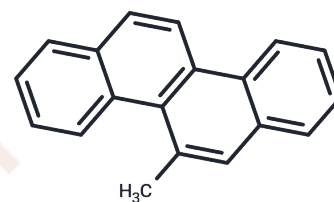


## 5-methyl Chrysene

## Chemical Properties

CAS No. :	3697-24-3
Formula:	C19H14
Molecular Weight:	242.3
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	5-Methylchrysene, a carcinogenic polycyclic aromatic hydrocarbon with four fused rings, functions as an aryl hydrocarbon receptor agonist. It is generated through the incomplete combustion of organic matter and primarily detected in gasoline exhaust and tobacco smoke. Additionally, 5-Methylchrysene can be converted into mutagenic metabolites by cytochrome P450 enzymes 1A1 and 1B1.
Targets(IC50)	Others,Cytochromes P450

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1271 mL	20.6356 mL	41.2712 mL
5 mM	0.8254 mL	4.1271 mL	8.2542 mL
10 mM	0.4127 mL	2.0636 mL	4.1271 mL
50 mM	0.0825 mL	0.4127 mL	0.8254 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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