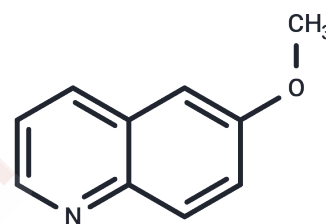


## 6-Methoxyquinoline

## Chemical Properties

CAS No. :	5263-87-6
Formula:	C <sub>10</sub> H <sub>9</sub> NO
Molecular Weight:	159.19
Storage:	Store at RT <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	6-Methoxyquinoline is a quinoline derivative commonly used as an intermediate in antimicrobial drugs, widely applied in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 180 mg/mL (1130.72 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	6.2818 mL	31.409 mL	62.818 mL
5 mM	1.2564 mL	6.2818 mL	12.5636 mL
10 mM	0.6282 mL	3.1409 mL	6.2818 mL
50 mM	0.1256 mL	0.6282 mL	1.2564 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

Cadavid-Vargas JF, et al. 6-Methoxyquinoline complexes as lung carcinoma agents: induction of oxidative damage on A549 monolayer and multicellular spheroid model. J Biol Inorg Chem. 2019 Mar;24(2):271-285.

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