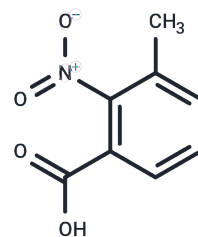


## 3-Methyl-2-nitrobenzoic acid

## Chemical Properties

CAS No. :	5437-38-7
Formula:	C <sub>8</sub> H <sub>7</sub> NO <sub>4</sub>
Molecular Weight:	181.15
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	3-Methyl-2-nitrobenzoic acid is in agricultural chemicals such as With Preparation in be used as intermediate.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 60 mg/mL (331.22 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	5.5203 mL	27.6014 mL	55.2029 mL
5 mM	1.1041 mL	5.5203 mL	11.0406 mL
10 mM	0.552 mL	2.7601 mL	5.5203 mL
50 mM	0.1104 mL	0.552 mL	1.1041 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

Jacobson S E, Dumas D J, Spence R, et al. Process to prepare 3-methyl-2-nitrobenzoic acid by air oxidation.

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