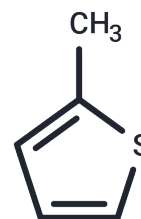


## 2-Methylthiophene

## Chemical Properties

CAS No. :	554-14-3
Formula:	C <sub>5</sub> H <sub>6</sub> S
Molecular Weight:	98.17
Storage:	Store at 4°C Actual storage temperature shall be subject to the COA.



## Biological Description

Description	2-Methylthiophene is an organic sulfur compound that can be used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	10.1864 mL	50.9321 mL	101.8641 mL
5 mM	2.0373 mL	10.1864 mL	20.3728 mL
10 mM	1.0186 mL	5.0932 mL	10.1864 mL
50 mM	0.2037 mL	1.0186 mL	2.0373 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

Song X, et al. Mechanisms for the reaction of thiophene and methylthiophene with singlet and triplet molecular oxygen. J Phys Chem A. 2012 May 24;116(20):4934-46.

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