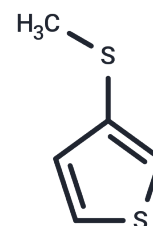


3-(methylsulfanyl)thiophene

Chemical Properties

CAS No. :	20731-74-2
Formula:	C ₅ H ₆ S ₂
Molecular Weight:	130.23
Storage:	Pure form: -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-(methylsulfanyl)thiophene (3-(Methylthio)thiophene) is a thiophene containing methylsulfide and is commonly used in flavor preparation, organic synthesis and biochemical experiments.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.6787 mL	38.3936 mL	76.7872 mL
5 mM	1.5357 mL	7.6787 mL	15.3574 mL
10 mM	0.7679 mL	3.8394 mL	7.6787 mL
50 mM	0.1536 mL	0.7679 mL	1.5357 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

Churchman A, et al. Inhibition of angiogenic tubule formation and induction of apoptosis in human endothelial cells by the selective cyclooxygenase-2 inhibitor 5-bromo-2-(4-fluorophenyl)-3-(methylsulfonyl) thiophene (DuP-697). Eur J Pharmacol. 2007 Nov 14;573(1-3):176-83.

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