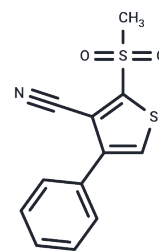


## 2-(Methylsulfonyl)-4-phenylthiophene-3-carbonitrile

## Chemical Properties

CAS No. :	116526-64-8
Formula:	C <sub>12</sub> H <sub>9</sub> NO <sub>2</sub> S <sub>2</sub>
Molecular Weight:	263.34
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	2-(Methylsulfonyl)-4-phenylthiophene-3-carbonitrile, with CAS No. 116526-64-8, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. 2-(Methylsulfonyl)-4-phenylthiophene-3-carbonitrile provides a structural basis and research tool for the design and screening of novel drug candidates, and is commonly used in drug discovery, drug synthesis, and related research.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7974 mL	18.9869 mL	37.9737 mL
5 mM	0.7595 mL	3.7974 mL	7.5947 mL
10 mM	0.3797 mL	1.8987 mL	3.7974 mL
50 mM	0.0759 mL	0.3797 mL	0.7595 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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