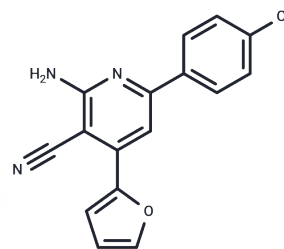


MK2-IN-7

## Chemical Properties

CAS No. : 77607-70-6  
 Formula: C<sub>16</sub>H<sub>10</sub>ClN<sub>3</sub>O  
 Molecular Weight: 295.723  
 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	MK2-IN-7 (Compound 144) is an inhibitor of mitogen-activated protein kinase-activated protein kinase-2 (MK2). It shows potential for research in inflammatory diseases, autoimmune disorders, and cancer.
Targets(IC50)	MAPK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3816 mL	16.9079 mL	33.8158 mL
5 mM	0.6763 mL	3.3816 mL	6.7632 mL
10 mM	0.3382 mL	1.6908 mL	3.3816 mL
50 mM	0.0676 mL	0.3382 mL	0.6763 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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