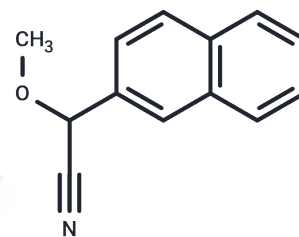


2-Methoxy-2-(naphthalen-2-yl)acetonitrile

Chemical Properties

CAS No. :	118736-08-6
Formula:	C ₁₃ H ₁₁ NO
Molecular Weight:	197.23
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-Methoxy-2-(naphthalen-2-yl)acetonitrile serves as a multifunctional dye with extensive applications across various fields. Dyes play a crucial role in biological experiments, enabling researchers to observe and analyze cell structures, track biomolecules, evaluate cell functions, and distinguish types of cells. Additionally, they are invaluable in detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Beyond their scientific and clinical uses, dyes find utility in traditional sectors such as textile dyeing and in innovative areas like functional textile processing, food pigments, and dye-sensitized solar cells. These applications demonstrate the broad utility of dyes from fundamental research to advanced diagnostic tools.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0702 mL	25.3511 mL	50.7022 mL
5 mM	1.014 mL	5.0702 mL	10.1404 mL
10 mM	0.507 mL	2.5351 mL	5.0702 mL
50 mM	0.1014 mL	0.507 mL	1.014 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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