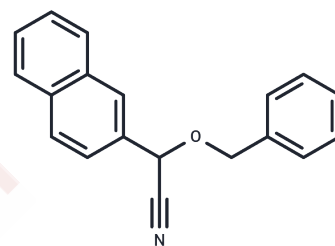


2-(Benzyloxy)-2-(naphthalen-2-yl)acetonitrile

Chemical Properties

CAS No. :	500372-25-8
Formula:	C ₁₉ H ₁₅ NO
Molecular Weight:	273.33
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-(Benzyloxy)-2-(naphthalen-2-yl)acetonitrile serves as a multifunctional dye with diverse applications across both traditional and modern industries. These dyes are crucial in biological experiments, enabling researchers to examine and track cell structures, monitor biomolecules, assess cellular functions, and differentiate cell types. Additionally, they are instrumental in studying tissue pathology and tracking microorganisms. The utility of these dyes extends beyond scientific research, encompassing clinical diagnostics, textile dyeing, functional textile processing, food pigments, and dye-sensitized solar cells. Their broad applicability highlights their importance in both longstanding and cutting-edge technologies.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6586 mL	18.2929 mL	36.5858 mL
5 mM	0.7317 mL	3.6586 mL	7.3172 mL
10 mM	0.3659 mL	1.8293 mL	3.6586 mL
50 mM	0.0732 mL	0.3659 mL	0.7317 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481