

DiZHSeC

Chemical Properties

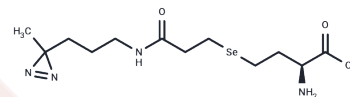
CAS No. : 2230724-46-4

Formula: C₁₂H₂₂N₄O₃Se

Molecular Weight: 349.29

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	DiZHSeC is a multifunctional dye that serves as a vital tool in biological experiments. It aids researchers in observing and analyzing cell structures, tracking biomolecules, evaluating cell functions, distinguishing cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Its applications extend from foundational scientific research to a broad spectrum of clinical diagnostics. Furthermore, dyes are extensively used in traditional sectors like textile dyeing, as well as in emerging areas such as functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.863 mL	14.3148 mL	28.6295 mL
5 mM	0.5726 mL	2.863 mL	5.7259 mL
10 mM	0.2863 mL	1.4315 mL	2.863 mL
50 mM	0.0573 mL	0.2863 mL	0.5726 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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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481