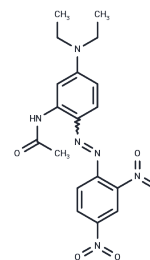


N-[5-2-[Azo]phenyl]acetamide

Chemical Properties

CAS No. :	24112-48-9
Formula:	C ₁₈ H ₂₀ N ₆ O ₅
Molecular Weight:	400.39
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	N-[5-2-[Azo]phenyl]acetamide serves as a multifunctional dye used extensively across various fields. In the realm of biological experiments, this dye is instrumental for observing and analyzing cell structures, tracking biomolecules, evaluating cell functions, distinguishing cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Its usage spans from fundamental scientific research to a broad spectrum of clinical diagnostics. Additionally, this compound finds applications in traditional industries like textile dyeing and emerging areas including functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4976 mL	12.4878 mL	24.9756 mL
5 mM	0.4995 mL	2.4976 mL	4.9951 mL
10 mM	0.2498 mL	1.2488 mL	2.4976 mL
50 mM	0.050 mL	0.2498 mL	0.4995 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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