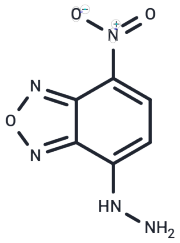
Data Sheet (Cat.No.T207756)

TargetMol

NBD-Hydrazine

Chemical Properties



CAS No. : 90421-78-6

Formula: C6H5N5O3

Molecular Weight: 195.14

Storage: Keep away from direct sunlight
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	NBD-hydrazine serves as a fluorescent probe that reacts with aldehydes and ketones, exhibiting excitation and emission maxima at 468 and 535 nm, respectively. Additionally, it is utilized as a precursor in creating malondialdehyde-reactive fluorescent probes and as a synthetic intermediate for developing cupric and chromic ion colorimetric sensors.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1245 mL	25.6226 mL	51.2453 mL
5 mM	1.0249 mL	5.1245 mL	10.2491 mL
10 mM	0.5125 mL	2.5623 mL	5.1245 mL
50 mM	0.1025 mL	0.5125 mL	1.0249 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.

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