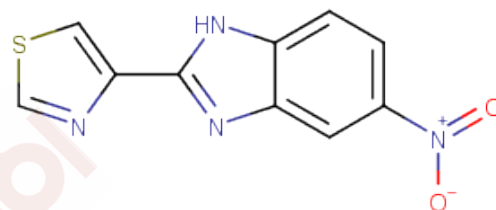


4-(5-Nitro-1H-benzo[d]imidazol-2-yl)thiazole

Chemical Properties

CAS No. : 3575-05-1
 Formula: C₁₀H₆N₄O₂S
 Molecular Weight: 246.24
 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 4-(5-Nitro-1H-benzo[d]imidazol-2-yl)thiazole, with CAS No. 3575-05-1, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. 4-(5-Nitro-1H-benzo[d]imidazol-2-yl)thiazole provides a structural basis and research tool for the design and screening of novel drug candidates, and is commonly used in drug discovery, drug synthesis, and related research.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0611 mL	20.3054 mL	40.6108 mL
5 mM	0.8122 mL	4.0611 mL	8.1222 mL
10 mM	0.4061 mL	2.0305 mL	4.0611 mL
50 mM	0.0812 mL	0.4061 mL	0.8122 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