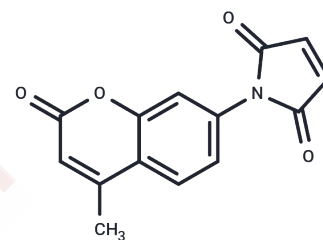


N-(4-Methylumbelliferyl)-maleinimid

Chemical Properties

CAS No. :	211565-47-8
Formula:	C ₁₄ H ₉ NO ₄
Molecular Weight:	255.23
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-(4-Methylumbelliferyl)-maleinimid serves as a multifunctional dye utilized extensively across various domains. In biological experiments, dyes are pivotal for observing and analyzing cell structures, tracking biomolecules, assessing cell functions, differentiating cell types, detecting biomolecules, exploring tissue pathology, and monitoring microorganisms. Their utilization spans from fundamental scientific research to a broad spectrum of clinical diagnostics. Additionally, dyes find applications in conventional industries like textile dyeing and in emerging sectors, including functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.918 mL	19.5902 mL	39.1803 mL
5 mM	0.7836 mL	3.918 mL	7.8361 mL
10 mM	0.3918 mL	1.959 mL	3.918 mL
50 mM	0.0784 mL	0.3918 mL	0.7836 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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