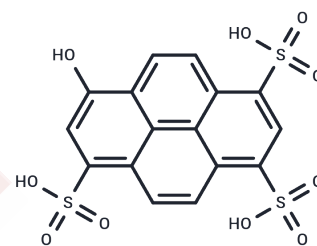


8-Hydroxypyrene-1,3,6-trisulfonic acid

Chemical Properties

CAS No. :	27928-00-3
Formula:	C16H10O10S3
Molecular Weight:	458.44
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	8-Hydroxypyrene-1,3,6-trisulfonic acid serves as a versatile dye with applications spanning various fields. Commonly utilized in biological experiments, these dyes enable researchers to examine cell structures, track biomolecules, assess cell functions, differentiate between cell types, detect biomolecules, explore tissue pathology, and monitor microorganisms. Their utility extends beyond basic scientific research, encompassing a broad spectrum of clinical diagnostics. Additionally, dyes play a crucial role in traditional industries like textile dyeing and are increasingly important in emerging areas, including functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1813 mL	10.9066 mL	21.8131 mL
5 mM	0.4363 mL	2.1813 mL	4.3626 mL
10 mM	0.2181 mL	1.0907 mL	2.1813 mL
50 mM	0.0436 mL	0.2181 mL	0.4363 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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