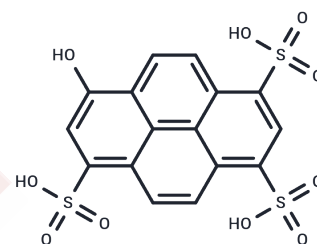


8-Hydroxypyrene-1,3,6-trisulfonic acid

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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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