

HKSOX-1r (5/6-mixture)

Chemical Properties

CAS No. :

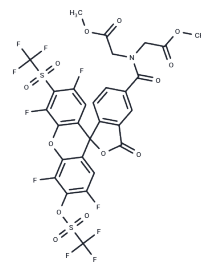
Formula: C29H15F10NO14S2

Molecular Weight: 855.54

Keep away from direct sunlight

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 | HKSOX-1r (5/6-mixture) is a fluorescent probe specifically designed for the imaging and detection of endogenous superoxide in live cells and in vivo applications, demonstrating superior selectivity and sensitivity to the superoxide anion radical [1]. For storage, it must be protected from light. |
| Targets(IC50) | Others, Reactive Oxygen Species |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.1689 mL | 5.8443 mL | 11.6885 mL |
| 5 mM | 0.2338 mL | 1.1689 mL | 2.3377 mL |
| 10 mM | 0.1169 mL | 0.5844 mL | 1.1689 mL |
| 50 mM | 0.0234 mL | 0.1169 mL | 0.2338 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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