

HKSOX-1 (5/6-mixture)

Chemical Properties

CAS No. :

Formula: C₂₃H₆F₁₀O₁₁S₂

Molecular Weight: 712.4

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-1, a fluorescent probe designed for the imaging and detection of endogenous superoxide in live cells and in vivo, demonstrates outstanding selectivity and sensitivity towards the superoxide anion radical [1]. For storage, it is important to protect HKSOX-1 from light.
Targets(IC50)	Others,Reactive Oxygen Species

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4037 mL	7.0185 mL	14.0371 mL
5 mM	0.2807 mL	1.4037 mL	2.8074 mL
10 mM	0.1404 mL	0.7019 mL	1.4037 mL
50 mM	0.0281 mL	0.1404 mL	0.2807 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.

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