

HKSOX-1m (5/6-mixture) (hydrobromide)

Chemical Properties

CAS No. :

Formula: C₄₉H₃₇Br₂F₁₀N₂O₁₀PS₂

Molecular Weight: 1258.72

Appearance: no data available

Storage: keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	HKSOX-1m hydrobromide (5/6-mixture), a mitochondria-targeted O ₂ ^{•-} fluorescent probe (Ex/Em=509/534nm; green), demonstrates exceptional selectivity and sensitivity for O ₂ ^{•-} across a wide pH spectrum, robustly distinguishing it from strong oxidants and prevalent cellular reductants [1].
-------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7945 mL	3.9723 mL	7.9446 mL
5 mM	0.1589 mL	0.7945 mL	1.5889 mL
10 mM	0.0794 mL	0.3972 mL	0.7945 mL
50 mM	0.0159 mL	0.0794 mL	0.1589 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481