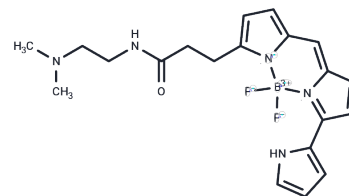


LysoTracker Red

Chemical Properties

CAS No. :	231946-72-8
Formula:	C ₂₀ H ₂₄ BF ₂ N ₅ O
Molecular Weight:	399.25
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	LysoTracker Red (LysoTracker Red DND-99) is a paraformaldehyde fixable probe that concentrates into acidic compartments of cells and tissues. LysoTracker Red is an indicator of cell death in a manner similar to other standard assays (Annexin, terminal dUTP nick end labeling, Nile blue sulfate, neutral red, and acridine orange). LysoTracker Red is a marker for late endosomes and lysosomes.
In vitro	Labeling of HepG2 cells with 100nM LysoTracker Red DND-99 aided examination of lysosome distribution[3].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5047 mL	12.5235 mL	25.047 mL
5 mM	0.5009 mL	2.5047 mL	5.0094 mL
10 mM	0.2505 mL	1.2523 mL	2.5047 mL
50 mM	0.0501 mL	0.2505 mL	0.5009 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.

Reference

Price OT, et al. Quantitative fluorescence of 5-FU-treated fetal rat limbs using confocal laser scanning microscopy and LysoTracker Red. Cytometry A. 2003;53(1):9-21.

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