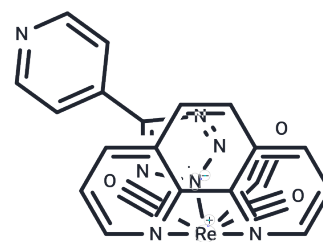


Endoplasmic reticulum dye 1

Chemical Properties

CAS No. : 1404104-40-0
Formula: C₂₁H₁₂N₇O₃Re
Molecular Weight: 596.58
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	Endoplasmic reticulum dye 1 is a highly effective live cell imaging agent used for detecting exocytotic events occurring at the plasma membrane. This compound exhibits minimal cytotoxicity and is resistant to photobleaching, making it an ideal choice for visualizing both short and long-term processes.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6762 mL	8.3811 mL	16.7622 mL
5 mM	0.3352 mL	1.6762 mL	3.3524 mL
10 mM	0.1676 mL	0.8381 mL	1.6762 mL
50 mM	0.0335 mL	0.1676 mL	0.3352 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

Christie A Bader, et al. Imaging nuclear, endoplasmic reticulum and plasma membrane events in real time. FEBS Lett. 2016 Sep;590(18):3051-60.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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