

Chromoionophore XIII

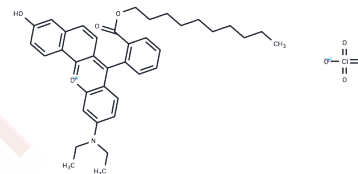
Chemical Properties

CAS No. : 135656-96-1

Formula: C₃₈H₄₄ClNO₈

Molecular Weight: 678.21

Storage: Keep away from direct sunlight
 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	Chromoionophore XIII (SNARF-DE), functioning as a pH sensor, is excitable with red light. Its unique properties impart lipophilicity and prevent the lactonization of the dye in apolar environments, ensuring the molecule's water insolubility [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4745 mL	7.3723 mL	14.7447 mL
5 mM	0.2949 mL	1.4745 mL	2.9489 mL
10 mM	0.1474 mL	0.7372 mL	1.4745 mL
50 mM	0.0295 mL	0.1474 mL	0.2949 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481