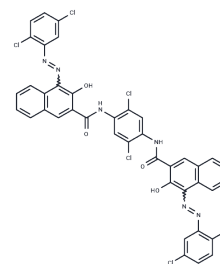


Sumitone fast red b

Chemical Properties

CAS No. :	40618-31-3
Formula:	C40H22Cl6N6O4
Molecular Weight:	863.36
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	Sumitone Fast Red B is a multifunctional dye. It plays a crucial role in biological experiments by aiding researchers in observing and analyzing cell structures, tracking biomolecules, evaluating cell functions, distinguishing cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Its applications extend from basic scientific research to a wide range of clinical diagnostics. Additionally, dyes are essential in traditional fields like textile dyeing and emerging fields such as functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1583 mL	5.7913 mL	11.5827 mL
5 mM	0.2317 mL	1.1583 mL	2.3165 mL
10 mM	0.1158 mL	0.5791 mL	1.1583 mL
50 mM	0.0232 mL	0.1158 mL	0.2317 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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