

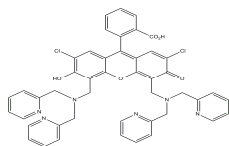
Product: Zinpyr-1

ALTERNATE NAME: 4',5'-Bis[bis(2-pyridylmethyl)aminomethyl]-2',7'-dichlorofluorescein; 4',5'-bis[[bis(2-pyridinylmethyl)amino]methyl]-2',7'-dichloro-3',6'-dihydroxy-spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one

CATALOG #: 2754-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₄₆H₃₆Cl₂N₆O₅

MOLECULAR WEIGHT: 823.72

CAS NUMBER: 288574-78-7

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥95% by HPCE

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION: Zinpyr-1 is a membrane-permeable fluorophore suitable for the fluorometric detection of free Zn²⁺. In living cells, Zinpyr-1 mainly stains the Golgi or a Golgi-associated vesicle.

REFERENCE: Walkup, G.K., *et al.* (2000). *J. Am. Chem. Soc.* **122**, 5644-5645.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

ZnAF-2 Diacetate (Cat. No. 2755-1, 5)

ZnAF-2, Iso- (Cat. No. 2756-1, 5)

FOR RESEARCH USE ONLY! Not to be used on humans.