

Lucifer Yellow Cadaverine

Cat: IL2610

Storage: Powder:-20°C,2 years;Insolvent(mother liquid):-20°C,6 months;-80°C,1 year(protect from light)

Introduction

Lucifer Yellow Cadaverine is often used as a fixable fluorescent tracer to label endophagocytic vesicles in cells. Because of its high water solubility, bright fluorescence, low cytotoxicity, and wide Stokes shift, endophagocytic vesicles can be observed in both fixed and living cells. In addition, it can be used to bind carboxylic acid groups.

Parameter

Ex/Em: 428/536 nm

CAS: 149733-79-9

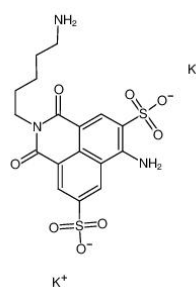
Molecular Formula: $C_{17}H_{17}K_2N_3O_8S_2$

Molecular Weight: 533.7

Purity: $\geq 98\%$

Appearance: Solid

Solubility: Soluble in Water



Note

1. Fluorescent dyes have quenching problems, please pay attention to avoid light as much as possible to slow down the fluorescence quenching.
2. For your safety and health, please wear laboratory coats and disposable gloves when operating.
3. This product is for scientific research use only. Do not use it for medical, clinical diagnosis or treatment, food and cosmetics, etc. Do not store it in ordinary residential areas.

Related Literature

[1]. Yang M, Lu X, Xu J, Liu X, Zhang W, Guan R, Zhong H. Cellular uptake, transport mechanism and anti-inflammatory effect of cyanidin-3-glucoside nanoliposomes in Caco-2/RAW 264.7 co-culture model. *Front Nutr.* 2022 Sep 26;9:995391. doi: 10.3389/fnut.2022.995391. PMID: 36225868; PMCID: PMC9549275.

[2]. Zhang ZD, Tao Q, Qin Z, Liu XW, Li SH, Bai LX, Yang YJ, Li JY. Uptake and Transport of Naringenin and Its Antioxidant Effects in Human Intestinal Epithelial Caco-2 Cells. *Front Nutr.* 2022 May 24;9:894117. doi: 10.3389/fnut.2022.894117. PMID: 35685871; PMCID: PMC9173001.

Note: For more literature, please visit the Solarbio official website.