

IC₅-OSu special packaging

Catalog # U0572

Size 3 x 20 ug

Specification

Product Description

IC₅-OSu special packaging is used as fluorescent labeling reagent. IC₅ is an indocyanine dye that can react with amine groups on proteins, peptides, and amine-modified oligonucleotides. Due to the absence of a sulfonate group in its structure, the water-solubility of the molecules is very low, necessitating the use of an organic solvent for dissolution. Furthermore, as no negative charge is added to the protein, the total number of charges on the modified protein remains the same before and after labeling with these compounds.

Theoretical MW (kDa)

721.67

Purity

≥80% by HPLC

Regulation Status

For research use only (RUO)

Storage Instruction

Store at -20°C. Protect from moisture.

Applications

- Immunofluorescence
- Flow Cytometry
- Fluorescence Microscopy Experiment