

Product number: K9-4116

Product name: SeTau-649-Ethyl-Ester

General Data

Molecular Mass: 1457.66

Solubility: Chloroform, DMF, DMSO

Insoluble: Water

Storage: Store in absence of light, desiccate and refrigerate

Description

Hydrophobic fluorescent probe for cell-based applications

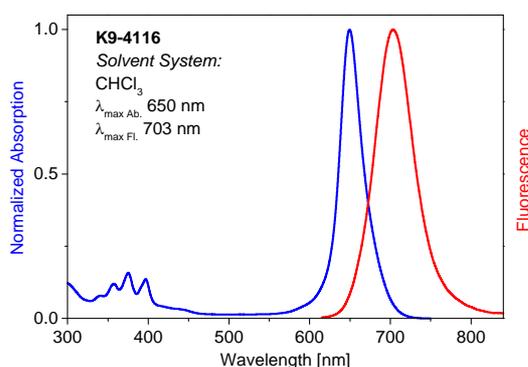
Advantages

- Perfectly suited for excitation with a 635-nm or 650-nm diode laser
- Highly sensitive dye; high extinction coefficient and high quantum yield
- Highly photostable
- High chemical stability e.g. against oxidation
- **Cell-permeable**
- **Ethyl esters are cleaved inside cells by esterases thereby forming negatively charged carboxyl groups**

Spectral Data

Media	Absorption max. [nm]	Extinction Coefficient [$M^{-1}\cdot cm^{-1}$]	Fluorescence* max. [nm]	Quantum Yield [%]
Chloroform	650	309,000	703	65

* Excitation at 620 nm



Absorption and emission spectrum of **K9-4116** in chloroform