

## General Data

**Molecular Mass:** 1131.28

**Solubility:** Chloroform, Methanol

**Insoluble:** Water

**Storage:** Store in absence of light, desiccate and refrigerate

## Description

Hydrophobic fluorescent probe for cell-based applications

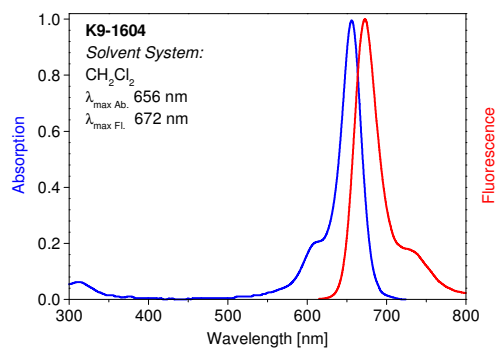
## Advantages

- Perfectly suited for excitation with the 635-nm or 650-nm diode laser
- Highly photostable
- High chemical stability e.g. against oxidation
- Penetrates passively through cell-membranes

## Spectral Data

Media	Absorption max. [nm]	Extinction Coefficient [ $M^{-1}\cdot cm^{-1}$ ]	Fluorescence* max. [nm]	Quantum Yield [%]
Methylene chloride	656		672	–

\* Excitation at 620 nm



Absorption and emission spectrum of **K9-1604** in methylene chloride