

## General Data

**Molecular Mass:** 1215.09

**Solubility:** Water, Acetone, Alcohol, DMF, DMSO

**Insoluble:** -

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

## Description

High affinity, cell-impermeant nucleic acid stain for staining of dsDNA (same as YOYO-1)

## Applications

- Staining of double stranded DNA
- Fluorescent probe

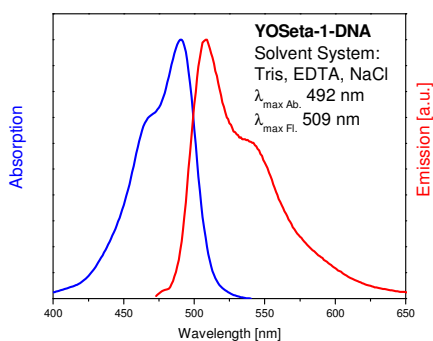
## Advantages

- Excitable with 488-nm argon laser
- YO-Seta-1 exhibits an over a thousand-fold intensity increase when bound to dsDNA

## Spectral Data

Solvent	Absorption max. [nm]	Extinction Coefficient [M <sup>-1</sup> ·cm <sup>-1</sup> ]	Fluorescence* max. [nm]	Quantum Yield [%]
In presence of dsDNA	492	98,800	509	52

\* Excitation at 630 nm



Absorption and emission spectrum of YOSeta-1 in presence of dsDNA