

General Data

- Molecular Mass:** 286.42
- Solubility:** Toluene, Alcohol, Ethoxyethanol, Chloroform, DMF
- Insoluble:** Water
- Storage:** Store desiccated in absence of light, and refrigerate

Description

- Non-fluorescent, hydrophobic quencher probe
- Efficient energy transfer acceptor for green- to orange-fluorescent dyes (FAM, TET, JOE, TAM, ROX, Cy3, Cy3.5, Alexa 532, Alexa 546, Alexa 568) in FRET applications

Applications

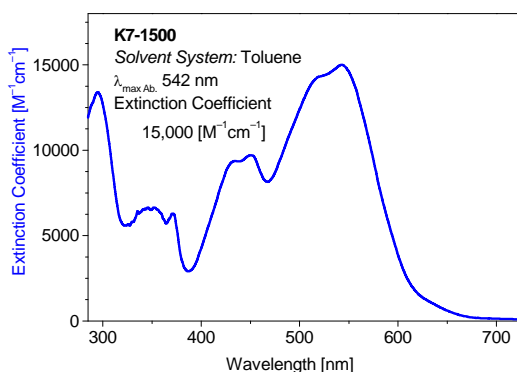
- Non-covalent quencher probe
- Acceptor in RET based applications
- Homogeneous Assays

Advantages

- No residual fluorescence
- Very broad visible-wavelength absorption spectrum
- pH-insensitive between pH 3 and pH 10

Spectral Data

Solvent System	Absorption Max. [nm]	Extinction Coefficient [$M^{-1}cm^{-1}$]
Toluene	542	15,000



Absorption spectrum of **K7-1500** in toluene