

### General Data

**Molecular Mass:** 243.35

**Solubility:** Toluene, Alcohol, Ethoxyethanol, Chloroform, DMF

**Insoluble:** Water

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

### Description

- Non-fluorescent, hydrophobic quencher probe
- Efficient energy transfer acceptor for blue-fluorescent dyes in FRET applications

### Applications

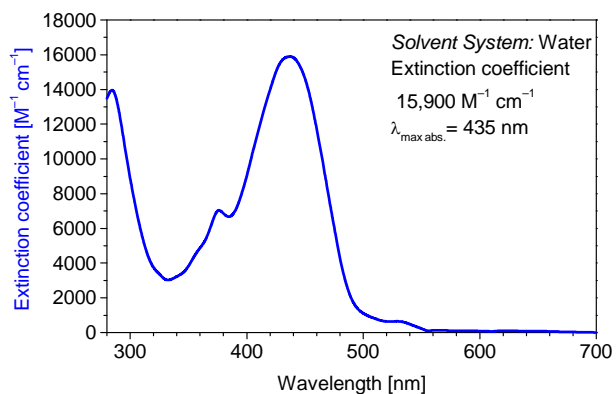
- Efficient quenching of fluorescent dyes
- Acceptor in RET based applications
- Homogeneous Assays

### Advantages

- No residual fluorescence
- pH-insensitive between pH 3 and pH 10

### Spectral Data

Solvent System	Absorption max. [nm]	Extinction Coefficient [ $M^{-1}\cdot cm^{-1}$ ]
Toluene	435	15,900



Absorption spectrum of **Q435** in toluene