

Product number: K6-208

Product name: 2-DAB

General Data

Molecular Mass: 273.33

Solubility: Alcohol, DMF, DMSO, Toluene

Insoluble: Water

Storage: Store in absence of light and refrigerate

Description

Hydrophobic fluorescent dye

Applications

- Staining of cells
- Fluorescent probe
- Dye for gel electrophoresis

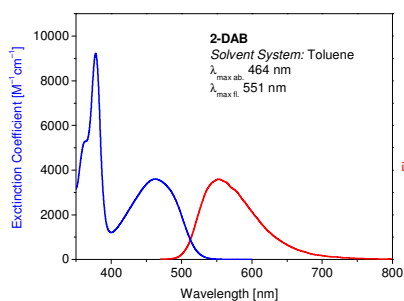
Advantages

- Highly fluorescent probe
- Perfectly suited for excitation with the 380-nm, 405-nm, and 488-nm lasers
- Extremely large Stokes' shift of over 100 nm

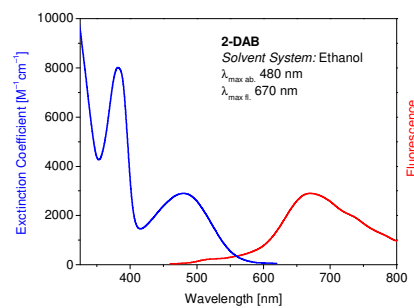
Spectral Data

Solvent	Absorption max. [nm]	Extinction Coefficient [M ⁻¹ ·cm ⁻¹]	Fluorescence max. [nm]	Q.Y. [%]
Ethanol	480	2900	670	1.1
	382	8000		
Toluene	464	3600	551	31
	378	9200		

Excitation at 450 nm



Absorption and emission spectrum of **2-DAB** in toluene



Absorption and emission spectrum of **2-DAB** in ethanol