

TechnoDye 502/512

<http://www.lumiprobe.com/p/technodye-502-512>

TechnoDye 505/512 is a hydrophobic technical dye with a bright fluorophore with an excitation spectrum in the green range. Photophysical properties, such as strong absorption in the visible region, high fluorescence quantum efficiency, and high photostability, make it suitable for different applications.

General properties

Appearance:	orange solid
Molecular weight:	248.08
Molecular formula:	$C_{13}H_{15}BF_2N_2$
Solubility:	in ethanol, acetone, DMSO, DCM
Quality control:	NMR 1H and HPLC-MS (95+%)
Storage conditions:	24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

Spectral properties

Excitation/absorption maximum, nm:	505
Emission maximum, nm:	512