

MAX™ 550 NHS Ester

Key data

$A_{b_{max}}$ 531 nm $E_{m_{max}}$ 560 nm

Extinction Coef (260 nm): 19,800

Extinction Coef (at absorbance max): 90,400

MW: 619.7 g/mol

Properties

MAX is most often used as a dye to multiplex with FAM™. Its spectral profile is nearly identical to VIC® and can be used as a VIC® substitute. Importantly, MAX is efficiently excited by either a 488 nm laser or a broad emission light source, and therefore can be used with most commercial detection platforms. MAX is conjugated post-synthesis to an amino-modified oligo as an NHS-ester dye.

HPLC purification required

