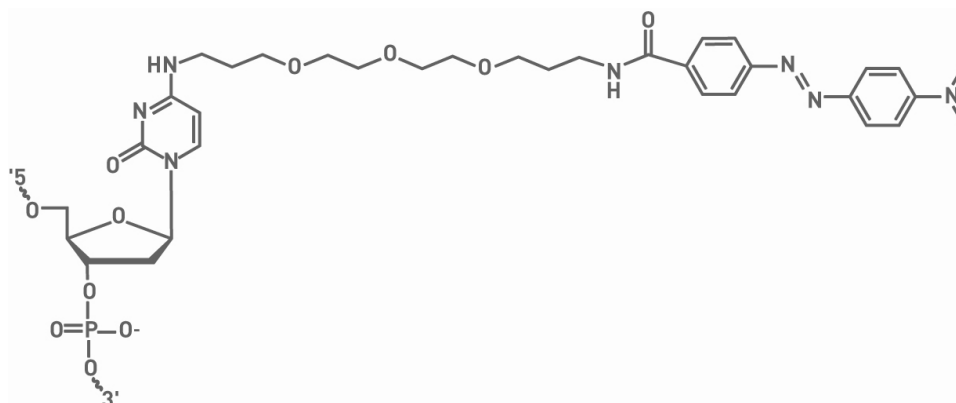


Dabcyl

Structure



Key data

Ab_{max} 478 nm

Quenching range: 400 – 550 nm

Extinction Coef (260 nm): 7,283

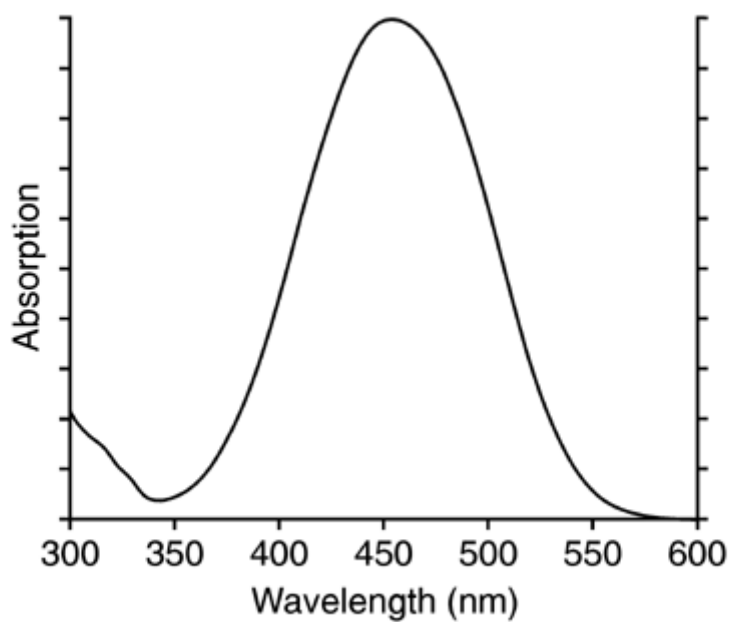
Extinction Coef (at absorbance max): 32,000

3' Mw: 757,8 g/mol

Suggested fluorophors

Fluorescein, TAMRA and JOE

Spectra



With permission from IDT

Properties

Dabcyl is a relatively weak dark quencher and is best suited for use in Molecular Beacons when the hairpin places the quencher and fluorescent dye in close proximity. Please note that DABCYL has an inadequate absorption footprint that overlaps very poorly with fluorophores emitting above 480 nm. HPLC purification is needed.

