



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Information

DODC, (DiOC₂(5)) (high purity)

Catalog Number: 40040

Unit Size: 50mg

Storage and Handling:

Store at 4°C. Guaranteed for up to one year from the date of receipt when stored properly.

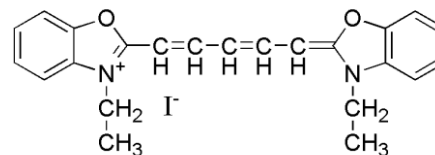
Spectral Properties:

λ_{abs} = 582nm

Product Description:

Molecular Formula: C₂₃H₂₃IN₂O₂
Molecular Weight: 486.35
Color and Form: Red solid
Solubility: Soluble in DMSO or MeOH

Application: DODC has been reported to bind to triplex DNA as well as dimeric hairpin quadruplex DNA.^{1,2} Binding of the dye to triplex DNA quenches the fluorescence of the dye and red-shifts the dye absorption peak.



References

- 1) *J. Am. Chem. Soc.* **122**, 424 (2000)
- 2) *Proc. Natl. Acad. Sci. USA* **93**, 2635 (1996)