



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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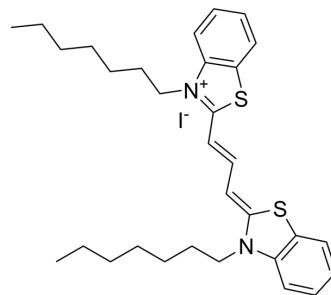
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3,3'-Diheptylthiacarbocyanine iodide

Cat. No.:	HY-D1624
CAS No.:	53213-88-0
Molecular Formula:	C ₃₁ H ₄₁ IN ₂ S ₂
Molecular Weight:	632.71
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	3,3'-Diheptylthiacarbocyanine iodide is a cyanine dye for measuring membrane potential. ($\lambda_{\text{ex}}=562$ nm, $\lambda_{\text{em}}=575$ nm) ^[1] .
In Vivo	☒☒☒☒☒ MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Sims PJ, et, al. Studies on the mechanism by which cyanine dyes measure membrane potential in red blood cells and phosphatidylcholine vesicles. *Biochemistry*. 1974 Jul 30;13(16):3315-30.

Caution: Product has not been fully validated for medical applications. For research use only.

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