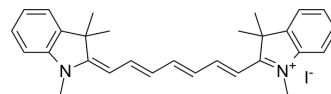


HITCI

Cat. No.:	HY-136946
CAS No.:	19764-96-6
Molecular Formula:	C ₂₉ H ₃₃ IN ₂
Molecular Weight:	536.49
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	HITCI is a commercially available, positively charged indocarbocyanine dye. HITCI is used typically as a laser dye in the near infrared (NIR) ^[1] .
In Vitro	HITCI's absorbance and fluorescence property changes upon binding to protein in a wide range of solution pH ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Weiyang Yan, et al. Fluorimetric studies and noncovalent labeling of protein with the near-infrared dye HITCI for analysis by CE-LIF. J Sep Sci. 2005 Aug;28(12):1409-15.

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

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