

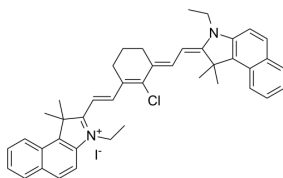
Heptamethine cyanine dye-1

Cat. No.:	HY-D0921
CAS No.:	162411-29-2
Batch No.:	23157
Chemical Name:	1H-Benz[e]indolium, 2-[(1E)-2-[(3E)-2-chloro-3-[(2E)-2-(3-ethyl-1,3-dihydro-1,1-dimethyl-2H-benz[e]indol-2-ylidene)ethylidene]-1-cyclohexen-1-yl]ethenyl]-3-ethyl-1,1-dimethyl-, iodide (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₄₂ H ₄₄ ClIN ₂
Molecular Weight:	739.17
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:



ANALYTICAL DATA

Appearance:	Light brown to black (Solid)
¹ H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥96.0%
Conclusion:	The product has been tested and complies with the given specifications.

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

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