

DCI PRIME

Synonym: 1,1'-diethyl-2,4'-carbocyanine iodide; 1-ethyl-2-[3-(1-ethyl-4(1H)-quinolinylidene)-1-propenyl]-quinolinium iodide

Catalog No.: 05950

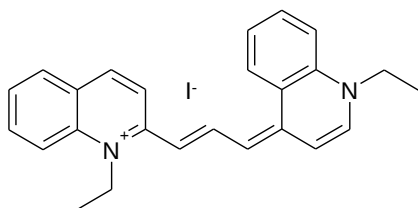
CAS No.: 20591-23-5

Chemical Formula: C₂₅H₂₅N₂·I

Molecular Weight: 480.39

Appearance: Green crystalline solid

Structure:



$\epsilon = 19.8 \times 10^4$ L/mol-cm at 658 nm in ethanol

Excited state lifetime = 20 ps (ethanol)¹²