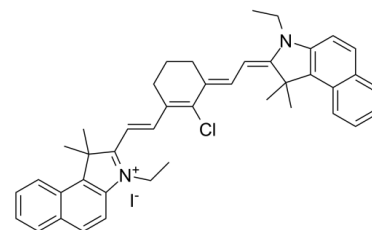


## Data Sheet

<b>Product Name:</b>	Heptamethine cyanine dye-1
<b>Cat. No.:</b>	CS-6163
<b>CAS No.:</b>	162411-29-2
<b>Molecular Formula:</b>	C <sub>42</sub> H <sub>44</sub> ClIN <sub>2</sub>
<b>Molecular Weight:</b>	739.17
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Solubility:</b>	10 mM in DMSO



### BIOLOGICAL ACTIVITY:

Heptamethine cyanine dye-1 is a near-infrared cyanine dye for fluorescence imaging in biological systems.

### CAIndexNames:

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)

### SMILES:

CC1(C)C(/C=C/C2=C(Cl)/C(CCC2)=C/C=C3N(CC)C4=C(C5=CC=CC=C5C=C4)C/3(C)C)=[N+](CC)C6=C1C7=CC=CC=C7C=C6.[I-]

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

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