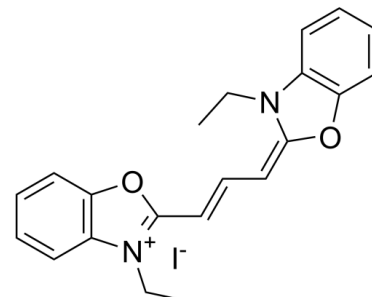


## Data Sheet

<b>Product Name:</b>	3,3'-Diethyloxacarbocyanine (iodide)
<b>Cat. No.:</b>	CS-W020998
<b>CAS No.:</b>	905-96-4
<b>Molecular Formula:</b>	C <sub>21</sub> H <sub>21</sub> IN <sub>2</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	460.31
<b>Target:</b>	Biochemical Assay Reagents
<b>Pathway:</b>	Others
<b>Solubility:</b>	DMSO : 20.83 mg/mL (45.25 mM; ultrasonic and warming and heat to 60°C)



### BIOLOGICAL ACTIVITY:

3,3'-Diethyloxacarbocyanine iodide is a microviscosity probe for micelles and microemulsions<sup>[1]</sup>.

### References:

[1]. SaswatiBasu, et al. 3,3'-Diethyloxacarbocyanine iodide: A new microviscosity probe for micelles and microemulsions. Colloids and Surfaces A: Physicochemical and Engineering Aspects.

[2]. E L Sievers, et al. Selective ablation of acute myeloid leukemia using antibody-targeted chemotherapy: a phase I study of an anti-CD33 calicheamicin immunoconjugate. Blood. 1999 Jun 1;93(11):3678-84.

### CAIndexNames:

3,3'-Diethyloxacarbocyanine Iodide

### SMILES:

CCN1C2=C(C=CC=C2)O/C1=C/C=C/C(OC3=C4C=CC=C3)=[N+]4CC.[I-]

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

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