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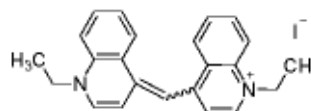
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## Product Specification

Product Name:  
1,1'-Diethyl-4,4'-cyanine iodide

Product Number: **291331**  
 CAS Number: 4727-49-5  
 MDL: MFCD00151338  
 Formula: C<sub>23</sub>H<sub>23</sub>IN<sub>2</sub>  
 Formula Weight: 454.35 g/mol



TEST	Specification
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Appearance (Color)	Green to Very Dark Green
Appearance (Form)	Conforms to Requirements
Powder or Crystals	
Infrared spectrum	Conforms to Structure
Wavelength	588 - 596 nm
c = 0.003 g/l; Ethanol	
Extinction Coefficient	≥ 75000
Carbon	58.7 - 62.9 %
Nitrogen	5.9 - 6.4 %

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.