

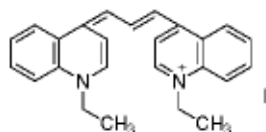
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
1,1'-Diethyl-4,4'-carbocyanine iodide - 96%

Product Number: **D91535**  
CAS Number: 4727-50-8  
MDL: MFCD00011970  
Formula: C<sub>25</sub>H<sub>25</sub>N<sub>2</sub>  
Formula Weight: 480.38 g/mol



### TEST

### Specification

Appearance (Color)	Green to Very Dark Green and Brown to Very Dark Brown
Appearance (Form)	Crystal to Powder
Infrared spectrum	Conforms to Structure
Wavelength	702 - 710 nm
In Methanol	
Extinction Coefficient	≥ 215000
Carbon	59.7 - 65.3 %
Nitrogen	5.6 - 6.1 %

Specification: PRD.1.ZQ5.10000024249

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.