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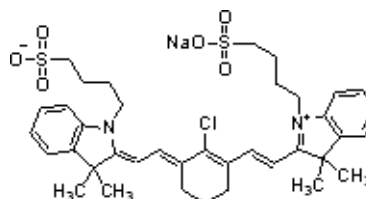
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
IR-783 - Dye content 90 %

Product Number: 543292
CAS Number: 115970-66-6
MDL: MFCD03427057
Formula: C₃₈H₄₆ClN₂NaO₆S₂
Formula Weight: 749.35 g/mol



TEST

Specification

Appearance (Color)	Brown to Very Dark Brown and Red to Very Dark Red and Red-Brown and Very Dark Red-Brown
Appearance (Form)	Powder or Crystals
Infrared spectrum	Conforms to Structure
Wavelength	779 - 785 nm
In Methanol	
Extinction Coefficient	≥ 250000
Carbon	53.6 - 68.2 %
Nitrogen	3.2 - 4.2 %

Remarks:

Reviewing Chemist :

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. 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.