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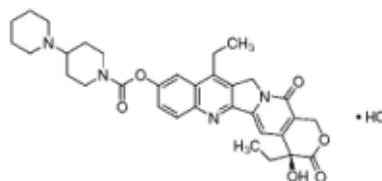
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Irinotecan hydrochloride - topoisomerase inhibitor

Product Number: **I1406**
 CAS Number: 100286-90-6
 Formula: C₃₃H₃₈N₄O₆ · HCl
 Formula Weight: 623.14 g/mol
 Storage Temperature: 2 - 8 °C



TEST

Specification

Appearance (Color)	Off-White to Light Yellow
Appearance (Form)	Powder
Solubility (Color)	Yellow to Dark Yellow
Solubility (Turbidity)	Clear
50 mg/mL, DMSO	
Proton NMR Spectrum	Conforms to Structure
Water (by Karl Fischer)	7.0 - 9.0 %
Carbon (anhydrous)	62.0 - 65.2 %
Nitrogen (anhydrous)	8.7 - 9.3 %
Purity (HPLC)	≥ 97 %
Recommended Retest Period	-----
2 Years	

Specification: PRD.2.ZQ5.10000011815

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.