

3050 Spruce Street, Saint Louis, MO 63103, USA

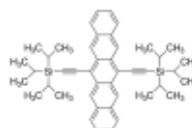
Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
6,13-Bis(triisopropylsilylethynyl)pentacene - ≥99% (HPLC)

Product Number: **716006**
CAS Number: 373596-08-8

Formula: C₄₄H₅₄Si₂
Formula Weight: 639.07 g/mol



TEST	Specification
Appearance (Color)	Dark Blue to Black
Appearance (Form)	Conforms to Requirements
Crystals or Flakes	
Infrared spectrum	Conforms to Structure
Purity (HPLC)	≥ 99.0 %
Aluminum (Al)	≤ 25 ppm
Arsenic (As)	≤ 25 ppm
Barium (Ba)	≤ 25 ppm
Calcium (Ca)	≤ 25 ppm
Cadmium (Cd)	≤ 25 ppm
Cobalt (Co)	≤ 25 ppm
Chromium (Cr)	≤ 25 ppm
Copper (Cu)	≤ 25 ppm
Iron (Fe)	≤ 25 ppm
Potassium (K)	≤ 25 ppm
Lithium (Li)	≤ 25 ppm
Magnesium (Mg)	≤ 25 ppm
Manganese (Mn)	≤ 25 ppm
Molybdenum (Mo)	≤ 25 ppm
Sodium (Na)	≤ 25 ppm
Nickel (Ni)	≤ 25 ppm
Phosphorus (P)	≤ 25 ppm
Lead (Pb)	≤ 25 ppm
Antimony (Sb)	≤ 25 ppm

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.

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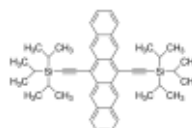
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TEST	Specification
Tin (Sn)	≤ 25 ppm
Strontium (Sr)	≤ 25 ppm
Titanium (Ti)	≤ 25 ppm
Vanadium (V)	≤ 25 ppm
Zinc (Zn)	≤ 25 ppm
Zirconium (Zr)	≤ 25 ppm
Recommended Retest Period	-----
1 Year	

Specification: PRD.2.ZQ5.10000015048

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