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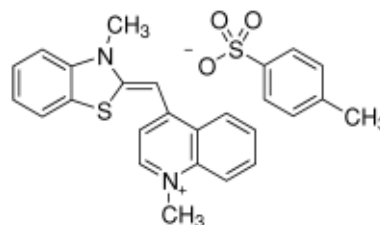
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Thiazole Orange – Dye content ~90 %

Product Number: 390062
CAS Number: 107091-89-4
MDL: MFCD00192499
Formula: C₂₆H₂₄N₂O₃S₂
Formula Weight: 476.61 g/mol



TEST

Specification

Appearance (Color)	Orange to Very Dark Orange and Orange-Red and Red-Orange and Dark Red-Orange
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Wavelength	501 - 513 nm
Extinction Coefficient	≥ 65000
Wavelength	286 - 290 nm
Extinction Coefficient	≥ 10000
Wavelength	235 - 239 nm
Extinction Coefficient	≥ 28000
Methanol	
Carbon	57.6 - 73.4 %
Nitrogen	4.9 - 6.2 %

Specification: PRD.0.ZQ5.10000018500

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.