

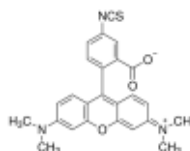
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Product Specification

Product Name:
Tetramethylrhodamine-5-isothiocyanate

Product Number: T0820
CAS Number: 80724-19-2
MDL: MFCD07438035
Formula: C₂₅H₂₁N₃O₃S
Formula Weight: 443.52 g/mol
Storage Temperature: -20 °C



TEST	Specification
Appearance (Color)	Pink to Purple
Appearance (Form)	Powder
Proton NMR spectrum	Conforms to Structure
EMM	82 - 98
in MeOH	
Wavelength	540 - 546 nm
Fluorescence	567 - 575 nm
Emission max	
Purity (HPLC)	≥ 85 %
at 254 nm	
% Purity (HPLC)	≥ 97
at 254 nm (Isomer purity)	

Specification: PRD.2.ZQ5.10000007697

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.