

**Product Name:** 2,2':5',2''-Terthiophene, 99%  
**Catalog Number:** A16748.MD

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**CAS Number:** 1081-34-1  
**IUPAC Name:** 5-(thiophen-2-yl)-2,2'-bithiophene  
**Molecular Formula:** C<sub>12</sub>H<sub>8</sub>S<sub>3</sub>  
**Molecular Weight:** 248.38  
**InChI Key:** KXSFECAJUBPPFE-UHFFFAOYSA-N  
**SMILES:** S1C=CC=C1C1=CC=C(S1)C1=CC=CS1  
**Synonym:** terthiophene α-terthienyl 2,5-thiophenyl-thiophene α-terthiophene

## Product Specification

**Appearance (Color):** Yellow  
**Form:** Crystals or powder or crystalline powder  
**Assay (GC):** ≥98.5%  
**Melting Point (clear melt):** 90.0-96.0°C

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**Date Of Print:** 06/12/2025

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*