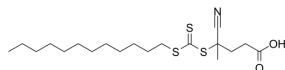


## Certificate of Analysis

**Product Name:** 4-Cyano-4-(dodecylsulfanylthiocarbonyl)sulfanylpentanoic acid  
**Cat. No.:** CS-0006551  
**CAS No.:** 870196-80-8  
**Batch No.:** 152722  
**Chemical Name:** 4-Cyano-4-(dodecylsulfanylthiocarbonyl)sulfanylpentanoic acid

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>19</sub>H<sub>33</sub>NO<sub>2</sub>S<sub>3</sub>  
**Molecular Weight:** 403.67  
**Storage:** Storage temp. -20°C  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Light yellow to yellow (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (NMR):** ≥98.0%  
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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