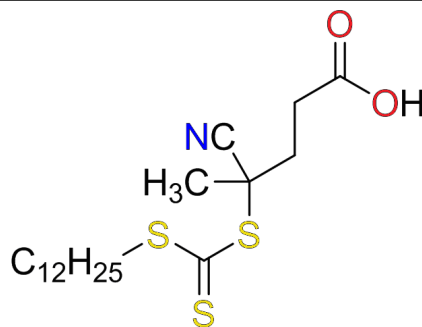




## Certificate of Analysis

Structure:



**Product Number** BM1432  
**Batch Number** M14322206  
**Product Name** 4-cyano-4-(((dodecylthio)carbonothioyl)thio)pentanoic acid  
**CAS Number** 870196-80-8  
**Molecular Formula** C<sub>19</sub>H<sub>33</sub>NO<sub>2</sub>S<sub>3</sub>  
**Molecular Weight** 403.67 g / mol

ANALYSIS	SPECIFICATION	RESULTS
<b>Appearance</b>	Pale yellow to tan solid	light yellow solid
<b>MPt (°C)</b>	61-66°C	63-65
<b>NMR - CDCl<sub>3</sub></b>	≥97%	≥99%
<b>UPLC</b>	≥97%	99.0%
<b>Notes</b>		
<b>Storage Conditions</b>	Store ≤ 25°C and protect from light	
<b>Manufactured Date</b>	12/10/2022	<b>Retest Date</b> 11/10/2024

Prepared by:

Nurul Quazi

12/10/2022

Signature

Print Name

Date

Checked by:

Mark Russell

12/10/2022

Signature

Print Name

Date

### UNITED STATES

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