

# Product Profile

## Identification

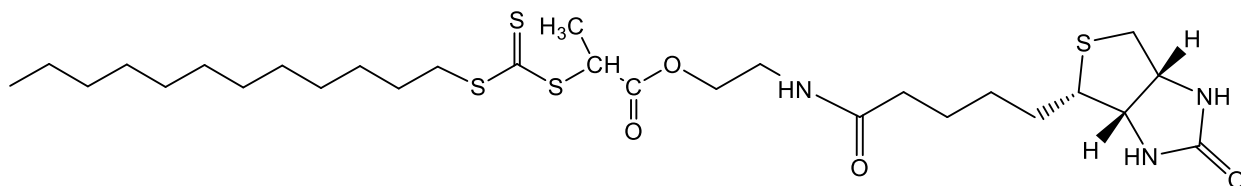
**Product Name** Biotin -amidoethyl 2-(((dodecylthio)carbonothioyl)thio)propanoate trithiol-RAFT agent

**Product Lot Number:** P70250-TSC-37

**Sample #:** RAFT-TSC-37

**Category:** RAFT Polymerization agent

**Product Chemical Architecture:**



## Composition:

Molecular weight	620
Molecular Formula	C <sub>28</sub> H <sub>49</sub> N <sub>3</sub> O <sub>4</sub> S <sub>4</sub>
Purity	> 95%
Storage temperature	2 – 8°C

## Validation of Architecture

The product was characterized by <sup>1</sup>H-NMR.

### A. NMR (<sup>1</sup>H NMR) run in DMSO

### B. NMR (<sup>1</sup>H NMR) run in CDCl<sub>3</sub>

