

# Product Profile

## Identification

**Product Name:** 1-(Methoxycarbonyl)ethyl benzodithioate

**Product Lot Number:** P70229-F2

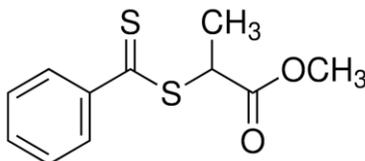
**CAS #:** 474746-06-0

**RAFT-DSE-12**

**Synonym:** 2-[(Phenylthioxomethyl)thio]propanoic acid methyl ester

**Category:** RAFT Polymerization agent

**Product Chemical Architecture:**



**Composition:**

|                     |   |
|---------------------|---|
| Molecular weight    | 240.3   |
| Molecular Formula   | C <sub>11</sub> H <sub>12</sub> O <sub>2</sub> S <sub>2</sub> |
| Purity              | > 95%   |
| Storage temperature | 2 – 8°C   |

## Validation of Architecture

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

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

