

Sample Name:  
**S,S-Dibenzyl trithiocarbonate**

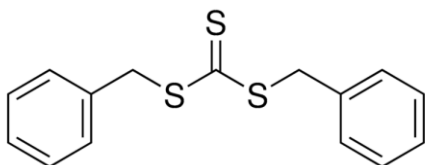
Category: **DiBenzyl RAFT reagent**

Synonym(s):  
Carbonic acid, trithio-, dibenzyl ester,  
Carbonotrithioic acid bis(phenylmethyl) ester,

Sample #: **DBTTC**

Lot #: **P44593A**

**Structure:**



**Composition:**

Colour:	Very dark brown to very dark red
Form:	Liquid
Purity:	> 95% (by NMR)
MW.:	290.4
CAS#:	26504-29-0
Empirical Formula:	C <sub>15</sub> H <sub>14</sub> S <sub>3</sub>

Trithiocarbonate-based RAFT agent generally used as a bifunctional Chain Transfer Agent (CTA) in RAFT polymerization of homo and block copolymers.

**Characterization:**

The chemical structure of the product was confirmed by FT-IR and <sup>1</sup>H NMR.

**<sup>1</sup>H NMR spectrum (500 MHz, CDCl<sub>3</sub>) of the Sample:**

