

## **Supporting Information**

*Org. Commun.* **5:2 (2012) 70-76**

### **Iodine-Catalyzed Addition of 2-Mercaptoethanol to Chalcone Derivatives: Synthesis of the novel $\beta$ -mercapto carbonyl compounds**

**Gürkan Yerli, Hayreddin Gezegen and Mustafa Ceylan\***

*Department of Chemistry, Faculty of Arts and Sciences, Gaziosmanpasa University, 60250 Tokat, Turkey*

<b>Table of contents</b>	<b>Page</b>
1. $^1\text{H}$ - and $^{13}\text{C}$ -NMR Spectrum of 3-(3-chlorophenyl)-3-(2-hydroxyethylthio)-1-phenylpropan-1-one 5a.	2
2. $^1\text{H}$ - and $^{13}\text{C}$ -NMR Spectrum of 3-(4-chlorophenyl)-3-(2-hydroxyethylthio)-1-phenylpropan-1-one 5b.	3
3. $^1\text{H}$ - and $^{13}\text{C}$ -NMR Spectrum of 3-(2-hydroxyethylthio)-3-(4-methoxyphenyl)-1-phenylpropan-1-one 5c.	4
4. $^1\text{H}$ - and $^{13}\text{C}$ -NMR Spectrum of 1-(4-bromophenyl)-3-(2-hydroxyethylthio)-3-phenylpropan-1-one 5d.	5
5. $^1\text{H}$ - and $^{13}\text{C}$ -NMR Spectrum of 1,3-bis(4-chlorophenyl)-3-(2-hydroxyethylthio)propan-1-one 5e.	6
6. $^1\text{H}$ - and $^{13}\text{C}$ -NMR Spectrum of 3-(2-hydroxyethylthio)-1,3-dip-tolylpropan-1-one 5f.	7
7. $^1\text{H}$ - and $^{13}\text{C}$ -NMR Spectrum of 3-(2-hydroxyethylthio)-1,3-bis(4-methoxyphenyl)propan-1-one 5g.	8
8. $^1\text{H}$ - and $^{13}\text{C}$ -NMR Spectrum of 3-(2-hydroxyethylthio)-1-(2-hydroxyphenyl)-3-(thiophen-2-yl)propan-1-one 5h.	9
9. $^1\text{H}$ - and $^{13}\text{C}$ -NMR Spectrum of 3-(2-hydroxyethylthio)-1,3-di(thiophen-2-yl)propan-1-one 5i.	10

















