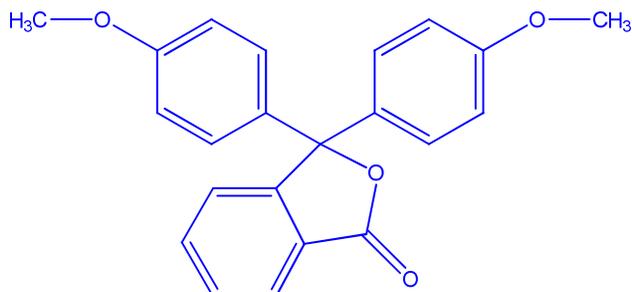


**Sample Name:**  
Phenolphthalein dimethyl ether

**Sample #:** OR383-PDE

**Structure:**



**Composition:**

MW	Purity
346.38	Over 98%
T <sub>g</sub> (°C) observed	19
T <sub>g</sub> (°C) literature	21

**Synthesis Procedure:**

The product was prepared from phenolphthalein etherification according to available literature.

**Characterization:**

The proton NMR was recorded in deuterated chloroform.

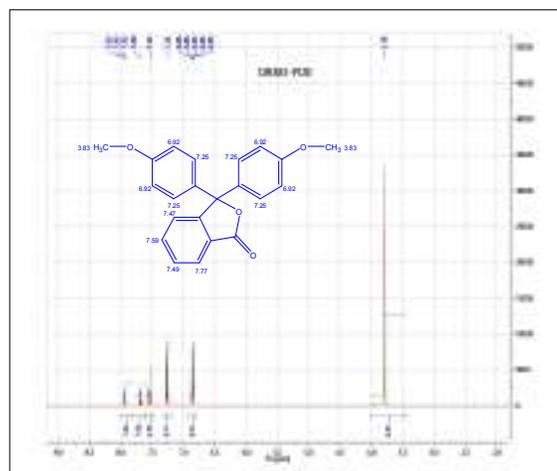
**Thermal analysis:**

Thermal analysis was carried out on a TA Q100 differential scanning calorimeter at a heating rate of 10°C/min. The midpoint of the slope change of the heat flow plot of the second heating scan was considered as the glass transition temperature (T<sub>g</sub>).

**Solubility:**

The product is soluble in chloroform, benzene, toluene, acetone and THF. It is not soluble in water and hexane and has very limit solubility in methanol.

**NMR of the sample:**



**Thermogram for the sample:**

