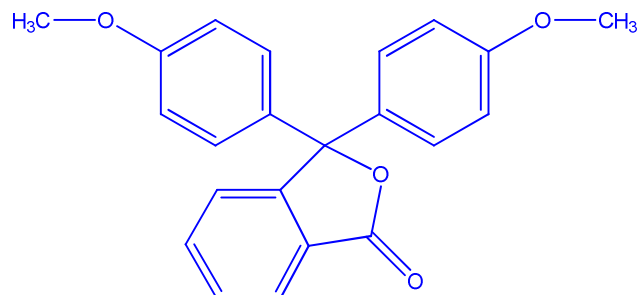


Sample Name:
Phenolphthalein dimethyl ether

Sample #: OR383-PDE

Structure:



Composition:

MW	Purity
346.38	Over 98%
T _g (°C) observed	19
T _g (°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.

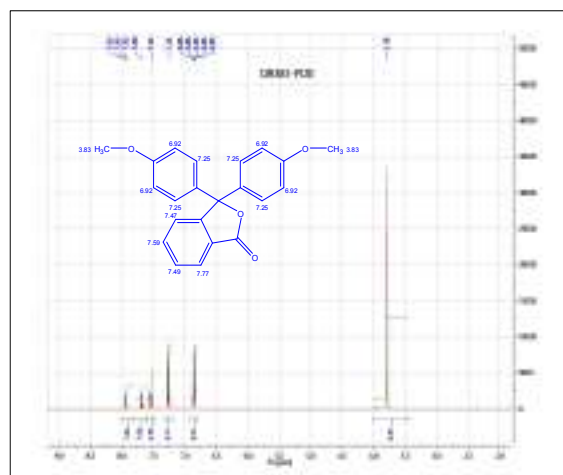
Thermal analysis:

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_g).

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:

