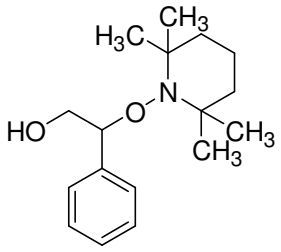
Sample Name:
1-Hydroxy-2-phenyl-2-(2',2',6',6'-tetramethyl-1'-piperidinyloxy)ethane

Synonym:
2-Phenyl-2-((2,2,6,6-tetramethylpiperidin-1-yl) oxy)ethanol

Sample #: **P14927F1-HPTEMPO**

Structure:



$C_{17}H_{27}NO_2$
Mol. Wt.: 277.40

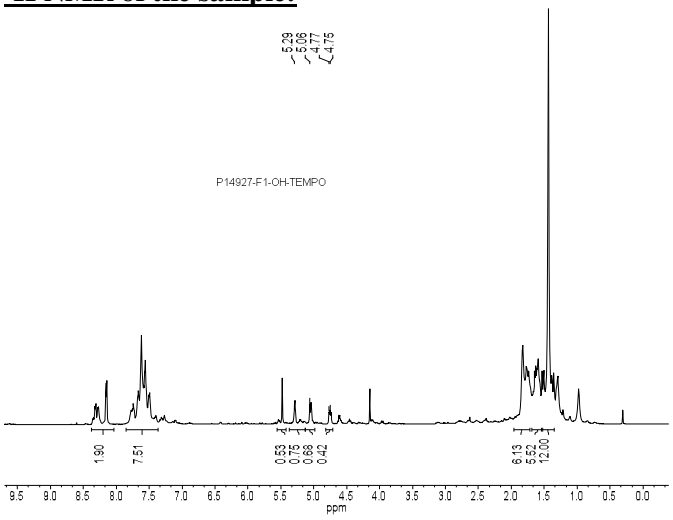
Composition:

MW	277.40
Purity	~ 90%

Synthesis Procedure:
The product was prepared by reacting styrene and 2,2,6,6-tetramethyl-1-piperidinyloxy (TEMPO) in the presence of hydrogen peroxide and purified by flash chromatography.

Characterization: The proton NMR was recorded in deuterated chloroform.

^{1}H NMR of the sample:



Reference:
1. Macromolecules, 1996, 5245-5254.