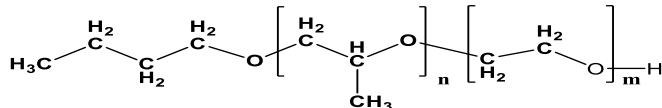


Poly(Propylene oxide-b-Ethyleneoxide)

Structure:



| | |
|--------------------------------------|-----------|
| $M_n \times 10^3$ (g/mol) PO-b-EO | M_w/M_n |
| 3.3-b-15.0 | 1.10 |

Poly(Propylene oxide-ethylene oxide) diblock copolymer was prepared by living anionic polymerization.

The product was characterized by size exclusion chromatography (SEC) and ¹H-NMR.

Poly(ethylene oxide-*b*-propylene oxide) is soluble in chloroform, THF, methanol and ethanol. The polymer precipitates from hexane and ether.

Workspace Details
 Workspace name: Calibration 2020-05-25
 Location: C:\ProgramData\Agilent Technologies\GC\Workspaces\Calibration 2020-05-25
 Comments:
 Created by: agilent2 at 10:50 10 AM on May-25-20

Chromatogram Plot

Chromatogram plot showing Relative Response (%) versus Time (minutes). The plot displays four peaks, each identified by a label and a retention time. The peaks are:

- 24.5130-PP-06 (Peak 1, Retention Time: 24.5130 min)
- 25.1310-PP-06 (Peak 2, Retention Time: 25.1310 min)
- 25.1310-PP-06 (Peak 3, Retention Time: 25.1310 min)
- 25.1310-PP-06 (Peak 4, Retention Time: 25.1310 min)

The x-axis represents Time (minutes) from 24 to 31. The y-axis represents Relative Response (%) from 0 to 1200. The peaks are labeled with their retention times and peak numbers.

Workspace Details
Workspace name
Location
Comments
Created by
agilent2 at 10:50:19 AM on May-25-20

Chromatogram Plot