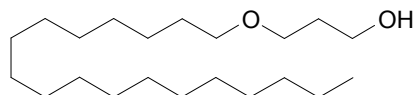


RAMIDUS AB

Certificate of analysis

Substance: 1,3-Propanediol-monooctadecyl ether



Molecular formula: $C_{21}H_{44}O_2$

Molecular weight: 328.58

Batchnr: 5457

Apperance: White solid

Identity: NMR

Purity: 97 % NMR

Lund 5 March 2017

Hans Holmberg