

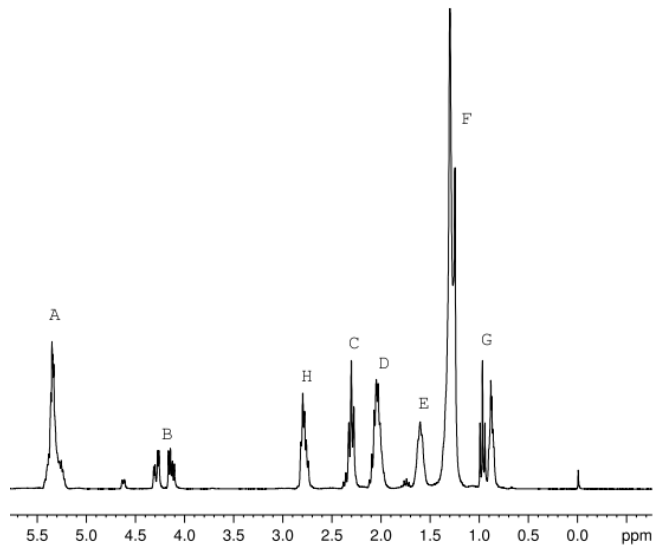
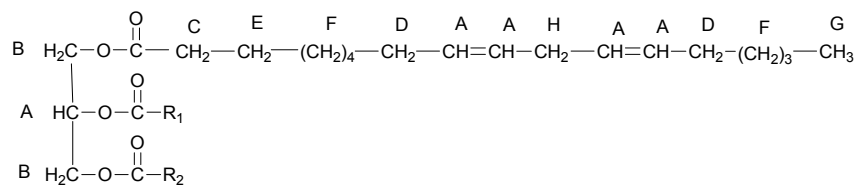
Supplementary Information

**Immobilized molybdenum acetylacetonate complex on
expanded starch for epoxidation of stillingia oil**

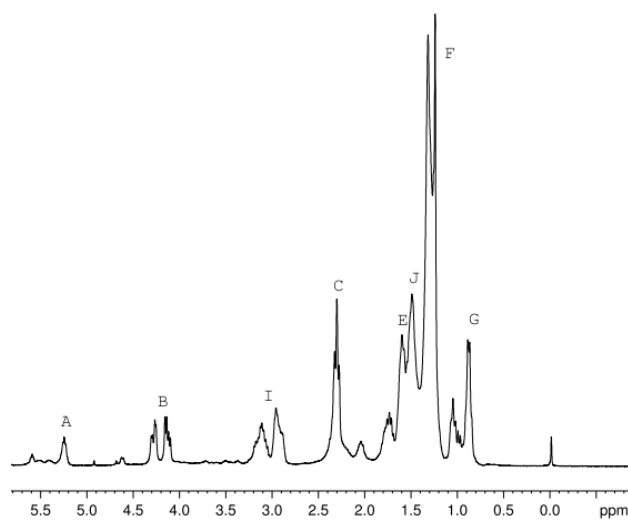
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S1: ^1H NMR spectra of (a) stillingia oil, (b) representative epoxidized stillingia oil.

S2: Assignment of ^1H NMR peaks of stillingia oil and epoxidized stillingia oil.



(a)



(b)

S1: ^1H NMR spectra of (a) stillingia oil, (b) representative epoxidized stillingia oil.

S2: Assignment of ¹H NMR peaks of stillingia oil and epoxidized stillingia oil.

Proton(s)	Functional group	Compound / chemical shift , δ (ppm)		
		Stillingia oil	Epoxidized stillingia oil	
CH ₃ -C	Terminal methyl group	0.88-1.0	0.87-1.0	G
-(CH ₂) _n -	Backbone CH ₂	1.25-1.30	1.24-1.31	F
-CH ₂ -CHOCH-CH ₂	α-Methylene group to epoxides	-	1.49	J
-CH ₂ CH ₂ COOR	β-Methylene proton	1.60	1.60	E
=CH-CH ₂ -	α-Methylene group to one double bond	2.01-2.12	-	D
-CH ₂ COOR	α-Methylene group to ester	2.27-2.36	2.27-2.32	C
=CH-CH ₂ -CH=	α-Methylene group to two double bond	2.74-2.81	-	H
-CHOCH-	Epoxides proton	-	2.9-3.1	I
-CH ₂ OCOR	Methylene group (C1 & C3) of glyceride	4.10-4.31	4.10-4.30	B
-CHOCOR	Methine proton at C2 of glyceride	5.26-5.38	5.25	A
-CH=CH-	Olefinic protons			