Fig. S1 ^{1}H NMR spectrum of the purified C16-4S-5OH monohydrate.

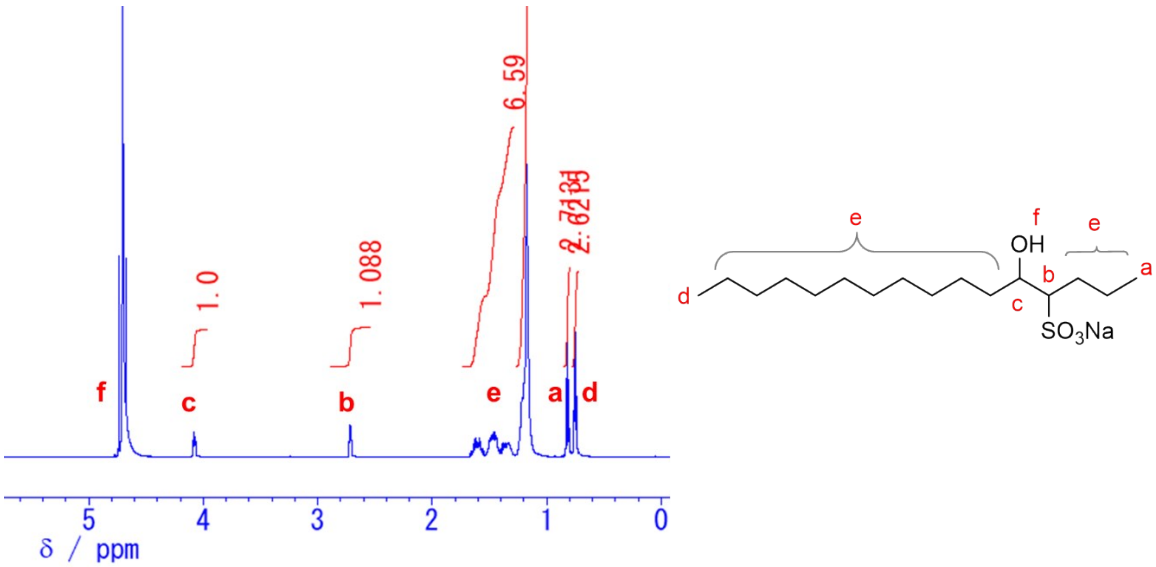

Fig. S2 LC-MS/MS Spectrum of the purified C16-4S-5OH monohydrate

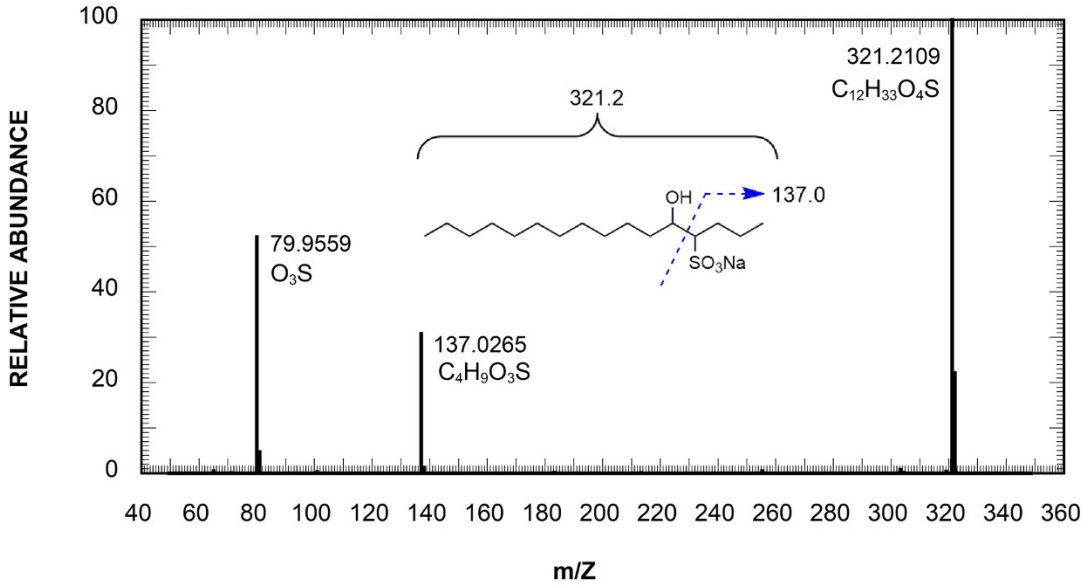

Table S1 Elemental analysis results for the purified C16-4S-5OH monohydrate

Chemical Formula: $C_{16}H_{33}O_4SNa\square H_2O$
Molecular Weight: 362.47

Calculated:	C	H	N	O	S	Na
Number	16	35	0	5	1	1
wt%	53.0	9.7	0.0	22.1	8.8	6.3
Measured:						
wt%	52.4	9.6	<0.3	22.5	8.8	6.2

Experimental:

C, H, N analysis. These analyses were performed using a CHN Corder MT-6 (Yanako Technical Science, Japan) with the sample, ignition and absorption zones set at 950, 850 and 500 °C, respectively.

O analysis. These analyses were performed using a varioEL III (Elementar, Germany) with the ignition zone set at 1150 °C.

S analysis. The sample was first decomposed by ignition and the gaseous products were collected in an aqueous H_2O_2 solution. After the gas volume was determined, the SO_4^{2-} concentration was measured by ion chromatography using an ICS-6000 instrument (Thermo-Fischer Scientific Inc., USA).

Na analysis. The sample was heated to ash and then dissolved in dilute HNO_3, after which the Na concentration was determined using a 730-ES inductively coupled plasma optical emission spectroscopy apparatus (Varian Inc., USA).