

Water soluble fluorescent BODIPY dye with azathia-crown ether functionality for mercury chemosensing in environmental medium

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Supporting information’s

Table S1: ¹³C NMR spectroscopic data (δ, ppm) of the glycide portion for deprotected lactose derivatives.

Compound	Solvent	C-1’	C-2’	C-3’	C-4’	C-5’	C-6’	C-1	C-2	C-3	C-4	C-5	C-6
α-lactose*	D ₂ O	103.7	72.0	73.5	69.54	76.2	62.0	96.6	74.83	75.3	79.2	75.6	61.1
16-α	Me ₂ SO	102.4	72.6	73.6	68.6	74.7	67.6	95.5	73.3	74.7	80.6	75.5	60.3
β-lactose*	D ₂ O	103.6	72.0	73.5	69.5	76.2	62.0	92.7	72.2	72.4	79.3	71.0	61.1
16-β	Me ₂ SO	102.2	72.3	73.8	68.3	74.6	67.4	95.4	72.5	72.3	80.7	71.4	60.5