Technical Note: Improved synthetic routes to *cis*- and *trans*-(2-Methyloxirane-2,3-diyl)dimethanol (*cis*- and *trans*-β-isoprene epoxydiol).

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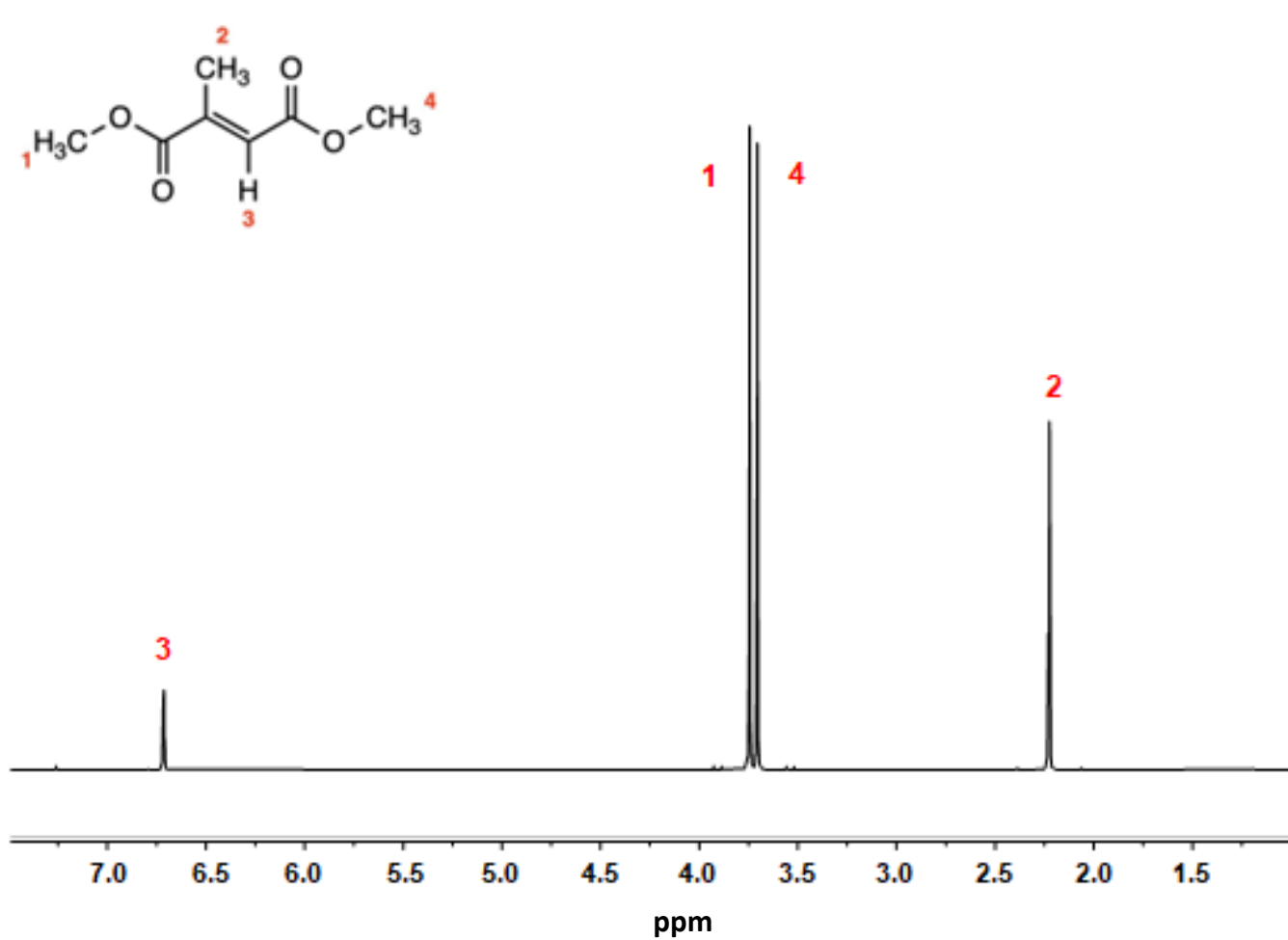
Figure S1. ^{1}H NMR (400 MHz, D$_2$O) mesaconic acid, dimethyl ester.
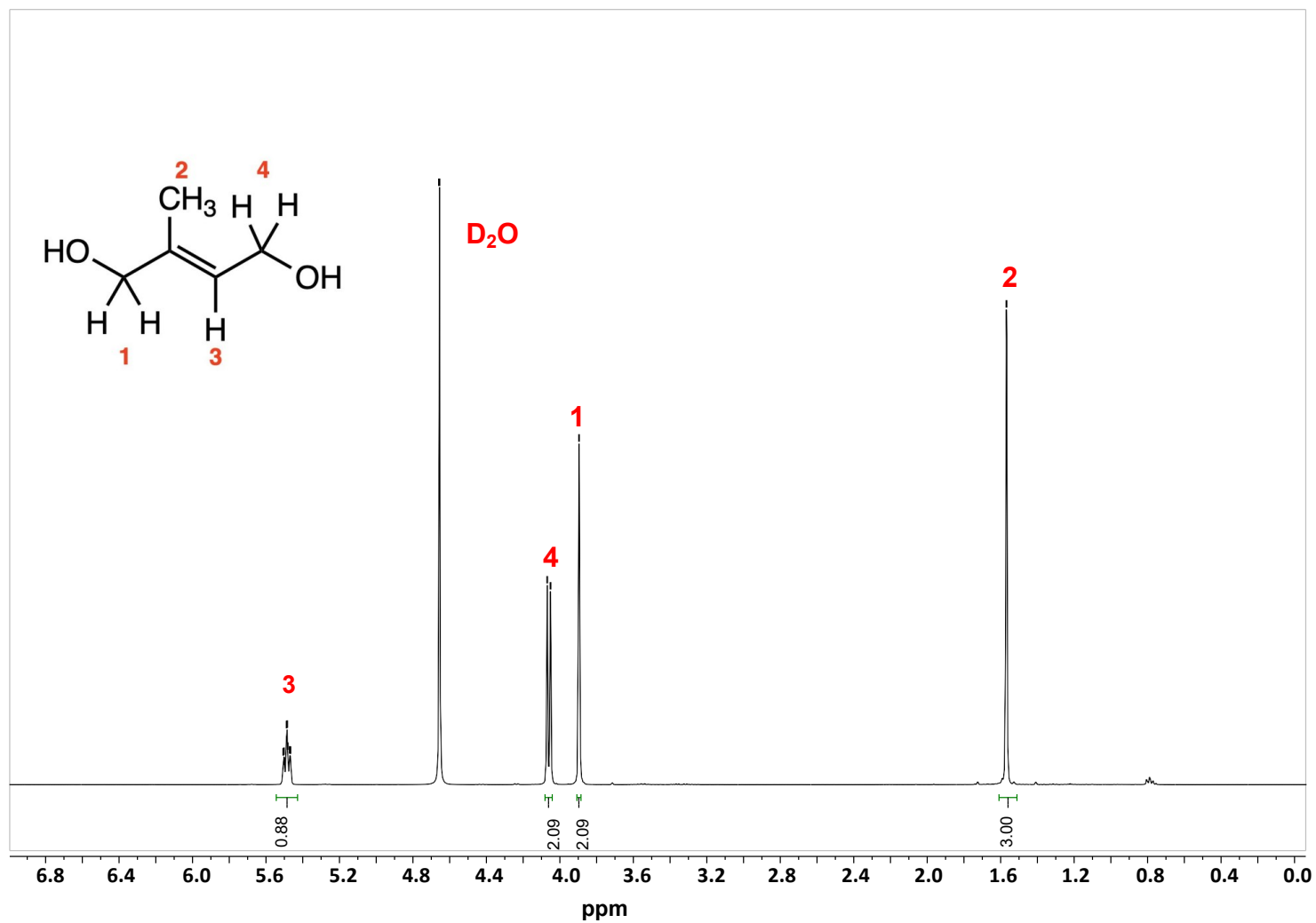
Figure S2. ^{1}H NMR (400 MHz, D$_2$O) *E*-2-methyl but-2-ene-1,4-diol.
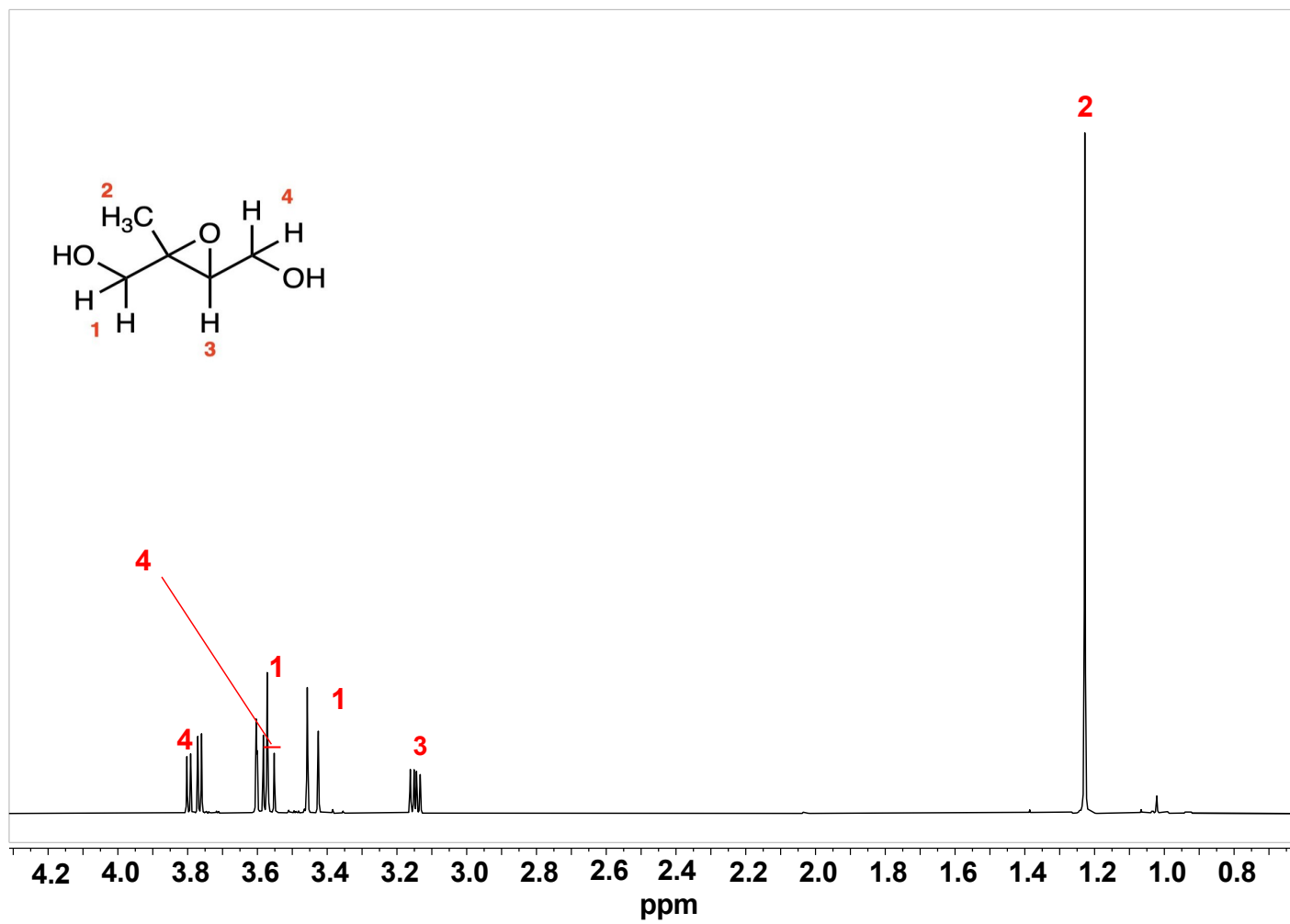
Figure S3. ^{1}H NMR (400 MHz, D$_2$O) *trans*-(2-methyloxirane-2,3-diyl)dimethanol (*trans*-β-IEPOX).
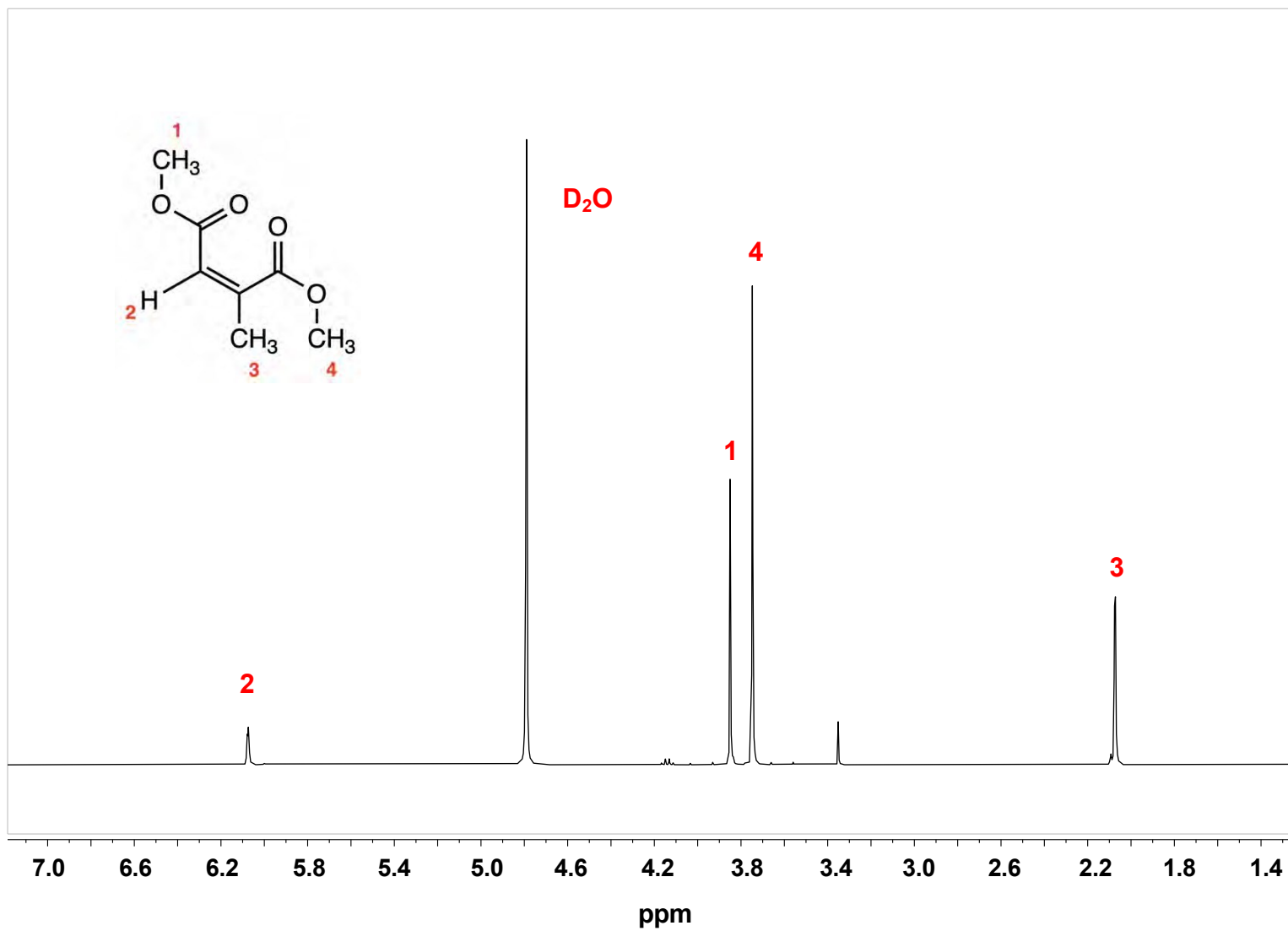
Figure S4. ^{1}H NMR (400 MHz, D$_2$O) citraconic acid dimethyl ester.
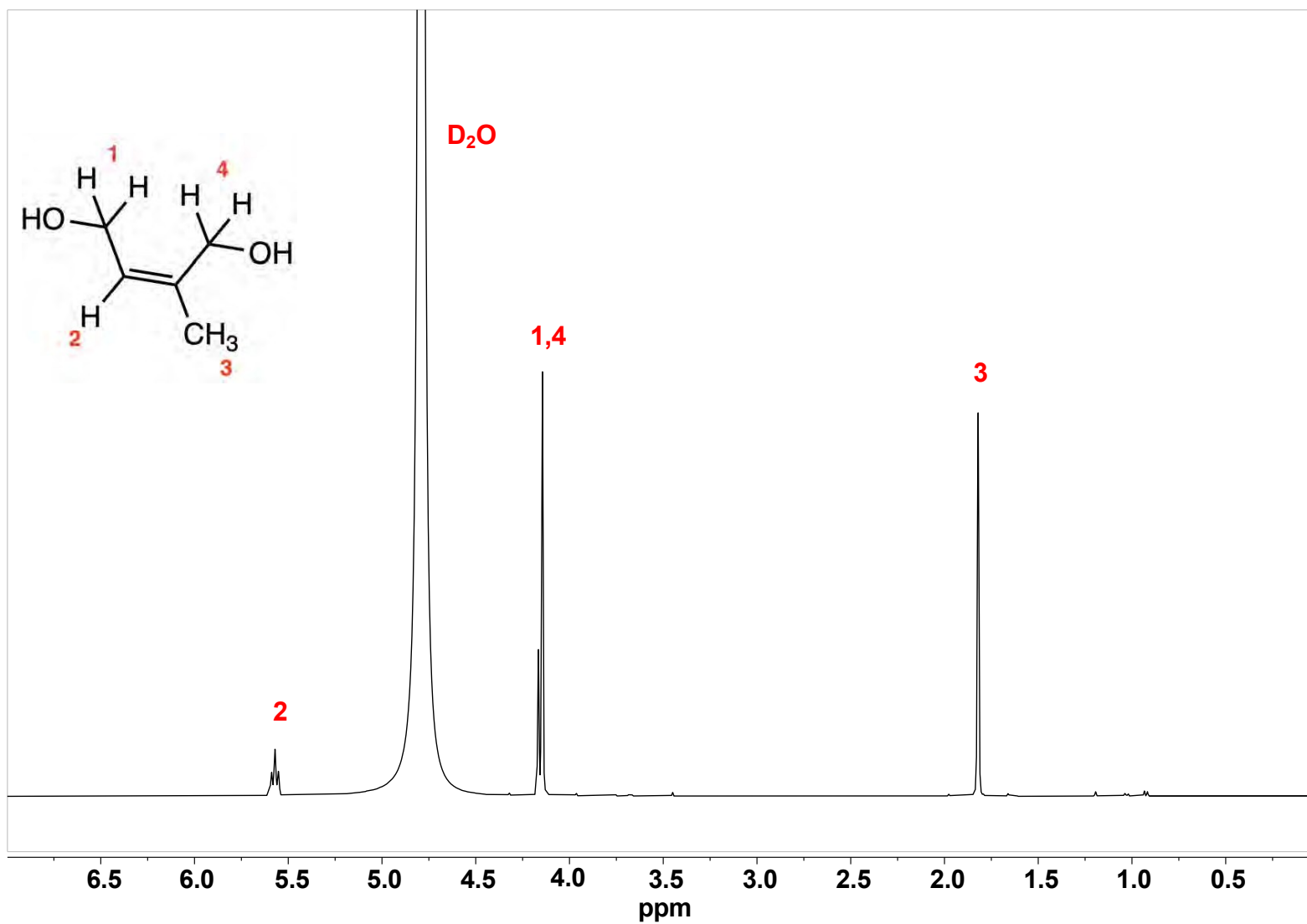
Figure S5. ^{1}H NMR (400 MHz, D$_2$O) *Z*-2-methyl but-2-ene-1,4-diol.
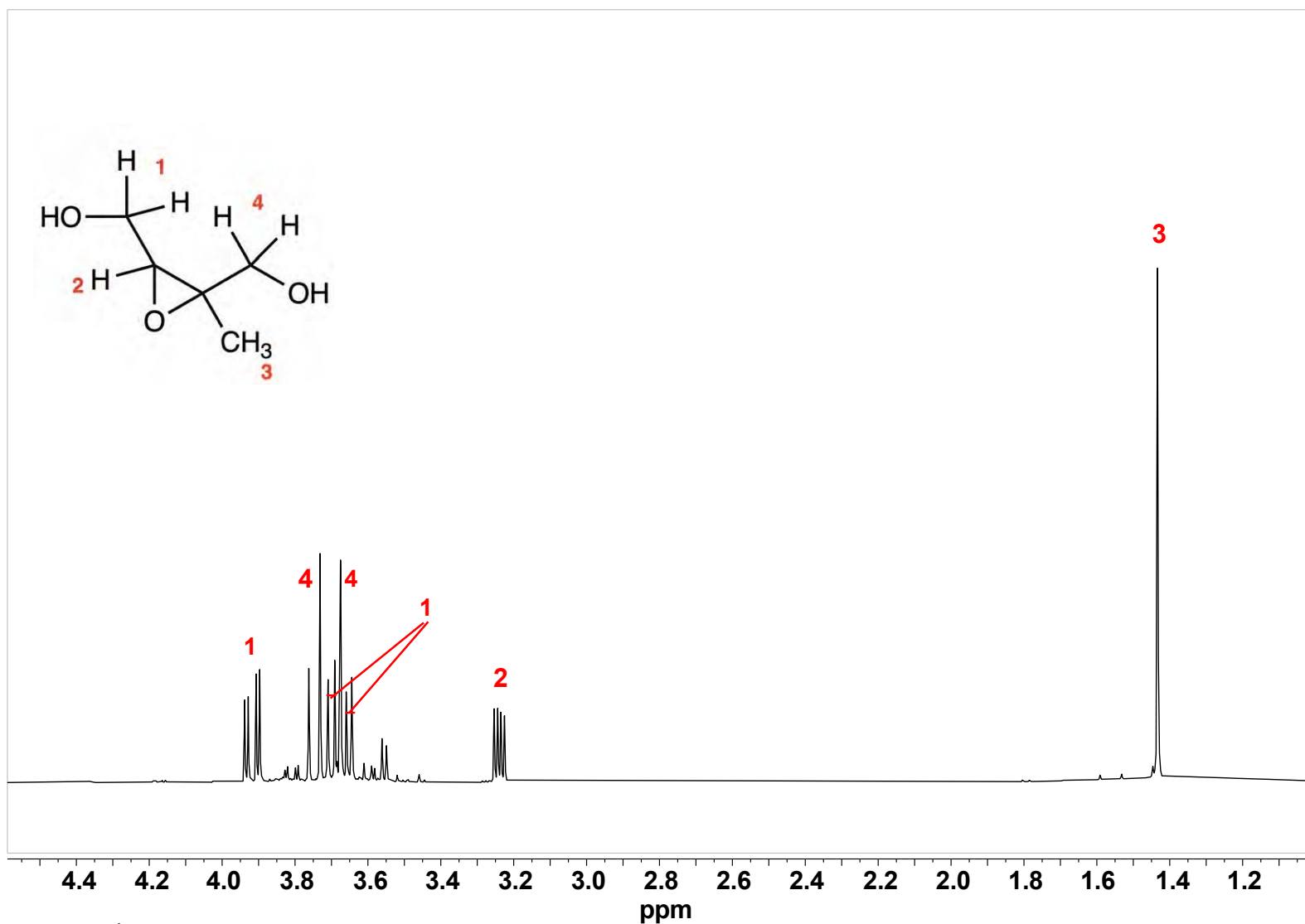
Figure S6. ^{1}H NMR (400 MHz, D$_2$O) *cis*-(2-methyloxirane-2,3-diyl)dimethanol (*cis*-β-IEPOX).