The discussion and purpose for the synthesis of this compound has been reported elsewhere [1]. To a cold (0°C) solution of (±)-1-(4-hydroxy-3-methoxyphenyl)-3-butanol (106 mg, 0.54 mmol) in acetone (10 mL) was added in one portion Pb(OAc)$_4$ (655 mg, 1.5 mmol, 2.8 eq). The resulting orange mixture was stirred at 0°C for 2 h. The precipitate was filtered through celite and ethylene glycol (5 drops) was added. The solution was stirred at room temperature for 20 h and filtered through celite. The solvent was evaporated in vacuo to afford a racemic mixture of diastereomers (58/42 ratio). Chromatography on silica gel (20% EtOAc/hexanes) afforded a mixture of diastereoisomers as a colorless oil (65 mg, 62%). Spectroscopic data were obtained from the diastereomeric mixture.

IR (neat) cm$^{-1}$: 1682 (CO), 1675 (CO).

$^1$H-NMR (CDCl$_3$) d: **Major:** 1.35 (d, 3H, J=6.1 Hz, CH$_3$), 1.79 (m, 1H, H-3a), 2.17 (m, 3H, H-3b, H-4), 3.68 (s, 3H, OCH$_3$), 4.38 (m, 1H, H-2), 5.75 (d, 1H, J=2.7 Hz, H-6), 6.13 (d, 1H, J=10.0 Hz, H-9), 6.80 (dd, 1H, J=2.7, 10.0 Hz, H-10); **Minor:** 1.37 (d, 3H, J=6.1 Hz, CH$_3$), 1.79 (m, 1H, H-3a), 2.17 (m, 3H, H-3b, H-4), 3.69 (s, 3H, OCH$_3$), 4.38 (m, 1H, H-2), 5.70 (d, 1H, J=2.7 Hz, H-6), 6.14 (d, 1H, J=10.0 Hz, H-9), 6.86 (dd, 1H, J=2.7, 10.0 Hz, H-10).

$^{13}$C-nmr (CDCl$_3$) d: **Major:** 21.6 (CH$_3$), 34.2 (C-3), 38.1 (C-4), 54.9 (OCH$_3$), 76.7 (C-5), 79.6 (C-2), 117.3 (C-6), 125.9 (C-9), 149.8 (C-7), 151.3 (C-10), 181.7 (CO); **Minor:** 21.5 (CH$_3$), 34.0 (C-3), 37.8 (C-4), 54.9 (OCH$_3$), 76.8 (C-5), 79.6 (C-2), 117.8 (C-6), 125.9 (C-9), 149.8 (C-7), 150.7 (C-10), 181.7 (CO).

MS m/e (rel %): **Major:** 194 [M+] (100), 179 (34), 166 (29), 151 (61), 139 (33), 123 (33), 111 (44), 85 (73); **Minor:** 194 [M+] (100), 177 (8), 153 (85), 147 (16), 124 (11).

Anal. calc. for C$_{11}$H$_{14}$O$_3$: C 68.01, H 7.27; found: C 67.99, H 7.52.

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Reference