

Differential Inhibition of Group IVA and Group VIA Phospholipases A₂ by 2-Oxoamides

Daren Stephens,^{†,‡} Efrosini Barbayianni,^{§,‡} Violetta Constantinou-Kokotou,^{||} Anna Peristeraki,^{||} David A. Six,[†] Jennifer Cooper,[†], Richard Harkewicz,[†] Raymond A. Deems,[†] Edward A. Dennis,^{*,†} and George Kokotos^{*,§}

[†]*Department of Chemistry and Biochemistry, University of California, San Diego, La Jolla, California 92093-0601* [§]*Laboratory of Organic Chemistry, Department of Chemistry, University of Athens, Panepistimiopolis, Athens 15771, Greece* ^{||}*Chemical Laboratories, Agricultural University of Athens, Athens 11855, Greece*

Supporting information

Elemental analysis of synthesized compounds pp. S2-S3

Appendix. Elemental analysis of synthesized compounds

| Compound | Formula | Mol. Weight | Calculated | Found |
|-----------------|--------------------|--------------------|---------------------------------|---------------------------------|
| 2a | $C_{16}H_{23}NO_4$ | 293.36 | C, 65.51 H, 7.90 N, 4.77 | C, 65.33 H, 8.06 N, 4.64 |
| 2b | $C_{17}H_{25}NO_4$ | 307.38 | C, 66.43 H, 8.20 N, 4.56 | C, 66.28 H, 8.36 N, 4.53 |
| 2c | $C_{24}H_{45}NO_4$ | 411.62 | C, 70.03 H, 11.02 N, 3.40 | C, 69.94 H, 11.29 N, 3.36 |
| 9 | $C_{25}H_{47}NO_4$ | 425.64 | C, 70.54 H, 11.13 N, 3.29 | C, 70.32 H, 11.31 N, 3.19 |
| 4a | $C_{16}H_{21}NO_4$ | 291.34 | C, 65.96 H, 7.27 N, 4.81 | C, 65.85 H, 7.48 N, 4.76 |
| 4b | $C_{17}H_{23}NO_4$ | 305.37 | C, 66.86 H, 7.59 N, 4.59 | C, 66.74 H, 7.67 N, 4.54 |
| 5a | $C_{15}H_{19}NO_4$ | 277.32 | C, 64.97 H, 6.91 N, 5.05 | C, 64.78 H, 7.16 N, 5.01 |
| 5b | $C_{16}H_{21}NO_4$ | 291.34 | C, 65.96 H, 7.27 N, 4.81 | C, 65.77 H, 7.39 N, 4.72 |
| 4c | $C_{24}H_{43}NO_4$ | 409.60 | C, 70.37 H, 10.58 | C, 70.21 H, 10.72 |

| | | | | |
|-----------|--------------------|--------|---------------------------------|---------------------------------|
| | | | N, 3.42 | N, 3.34 |
| 11 | $C_{25}H_{45}NO_4$ | 423.63 | C, 70.88 H, 10.71 N, 3.31 | C, 70.69 H, 10.97 N, 3.22 |
| 10 | $C_{24}H_{43}NO_4$ | 409.60 | C, 70.37 H, 10.58 N, 3.42 | C, 70.18 H, 10.72 N, 3.39 |
| 3a | $C_{15}H_{21}NO_4$ | 279.33 | C, 64.50 H, 7.58 N, 5.01 | C, 64.33 H, 7.71 N, 4.92 |
| 3b | $C_{16}H_{23}NO_4$ | 293.36 | C, 65.51 H, 7.90 N, 4.77 | C, 65.37 H, 8.09 N, 4.72 |
| 8 | $C_{24}H_{45}NO_4$ | 411.62 | C, 70.03 H, 11.02 N, 3.40 | C, 69.87 H, 11.24 N, 3.32 |
| 12 | $C_{23}H_{41}NO_4$ | 395.58 | C, 69.83 H, 10.45 N, 3.54 | C, 69.62 H, 10.56 N, 3.49 |