

Supplementary materials

Coumarin Derivatives as New Toxic Compounds to Selected K12, R1–R4 *E. coli* Strains

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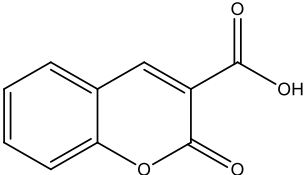
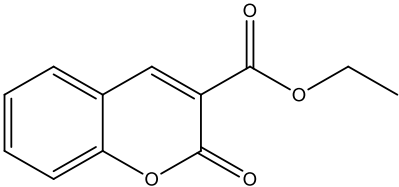
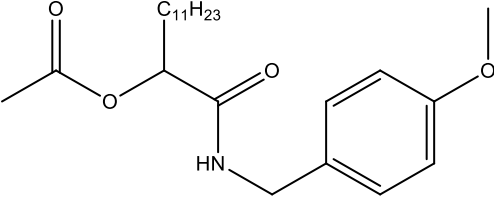
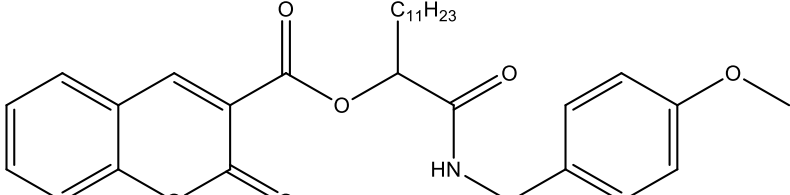
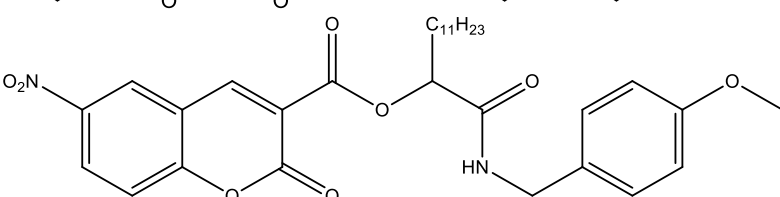
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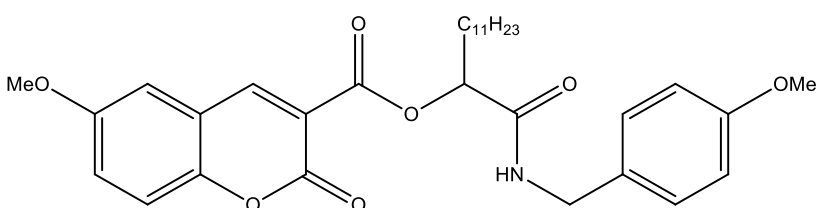
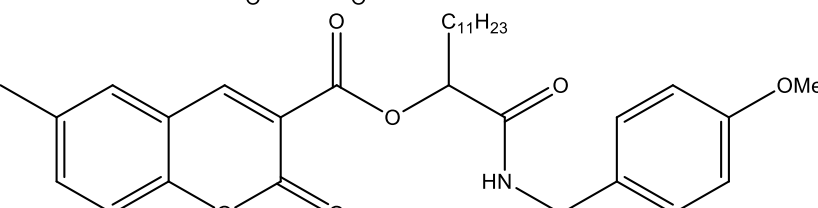
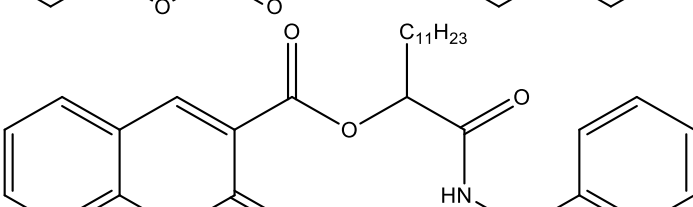
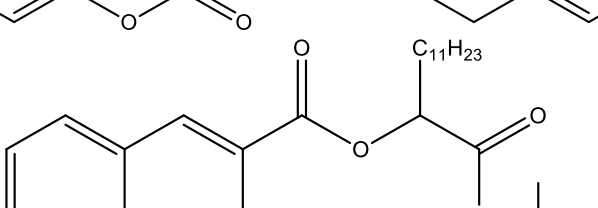
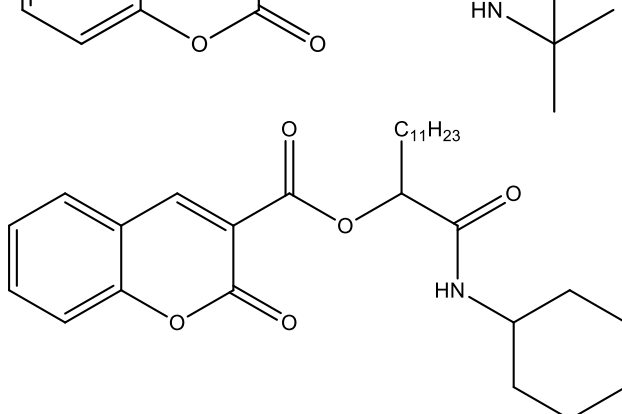
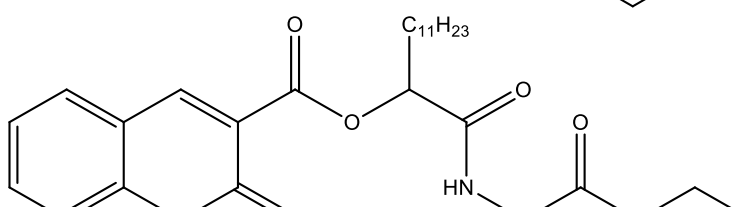
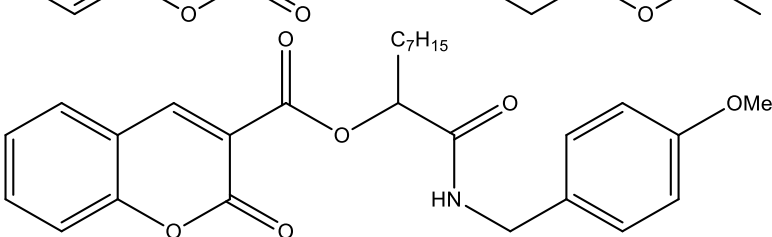
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| Number in the Table | Compound | Molar Mass [g/mol] |
|---------------------|--|--------------------|
| 1 |  | 190.15 |
| 2 |  | 218.21 |
| 3 |  | 391.54 |
| 4 |  | 521.64 |
| 5 |  | 566.64 |

| | | |
|----|--|--------|
| 6 |  | 551.67 |
| 7 |  | 535.67 |
| 8 |  | 491.62 |
| 9 |  | 457.60 |
| 10 |  | 483.64 |
| 11 |  | 487.59 |
| 12 |  | 465.54 |

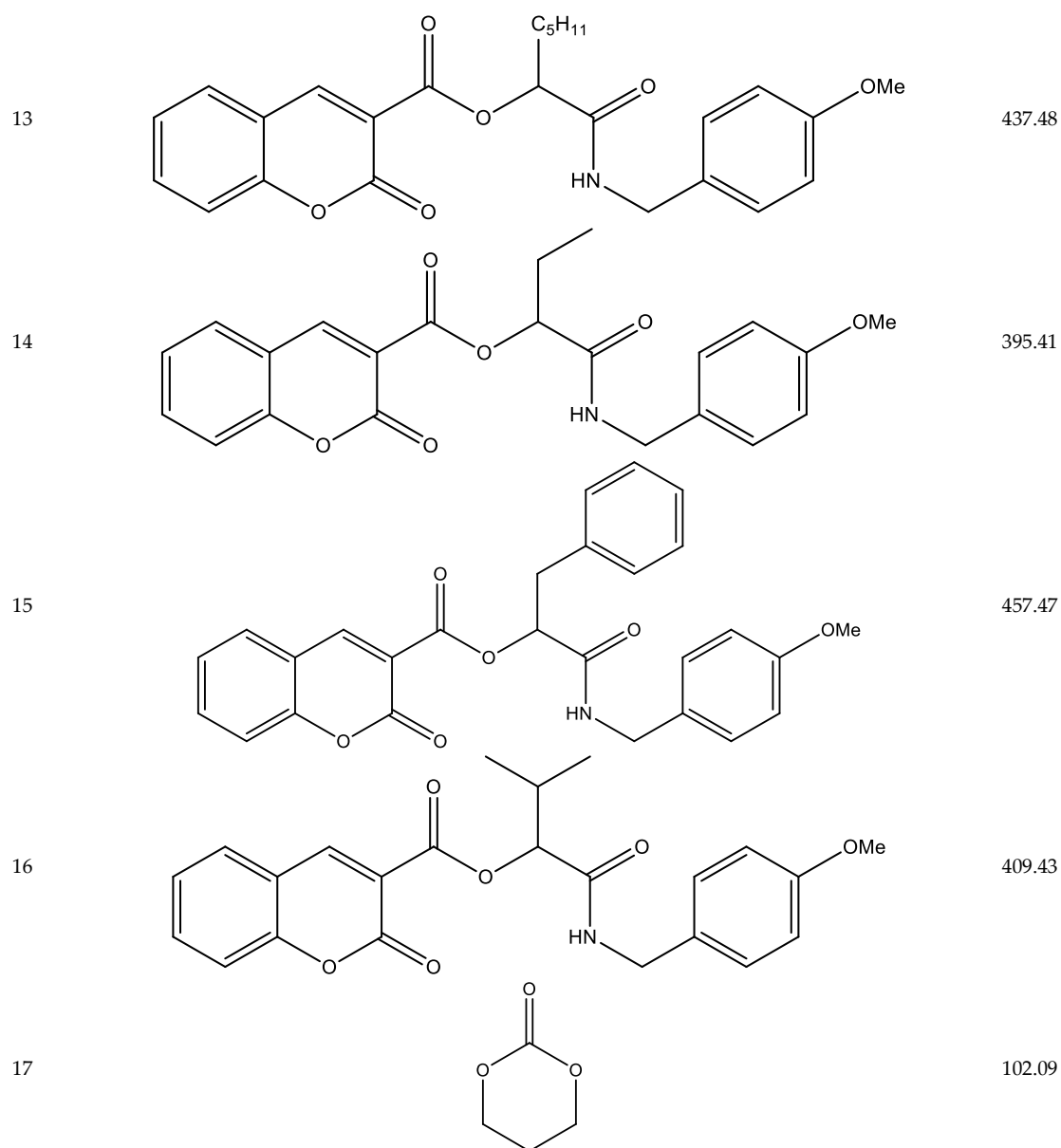


Figure S1. Structural formulas of coumarin derivatives.

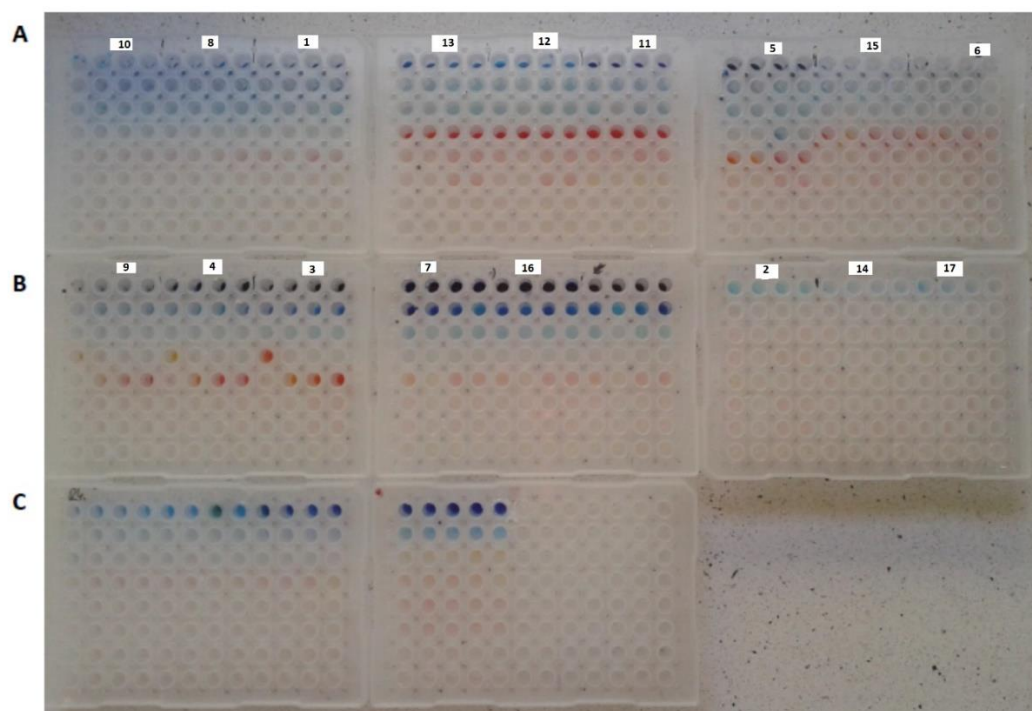


Figure S2. An example of the analysis of test compounds of various concentrations using a resusarin dye on microplates (mg L^{-1}). Panel A strains K12, R1, R2, R3 (with tested first 1–9 compounds). Panel B strains K12, R1, R2, R3 with tested 8 compounds (from 10 to 17). Number 18–control dilution. Panel C R4 strain with all 17 peptidomimetics. The order in which the compounds were applied to the plate was as follows in Table 1.