Supplementary Material

Microwave-assisted synthesis of α-aminophosphonate-chromone hybrids using Kabachnik-Fields Reaction

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S3. ³¹P and ¹³C spectra of diisopropyl ((butylamino)(6-methyl-4-oxo-4H-chromen-3-yl)methyl) phosphonate (**11**)





S4. ¹H NMR spectra of of diisopropyl ((butylamino)(6-methyl-4-oxo-4H-chromen-3-yl)methyl)

S5. ³¹P and ¹³C spectra of dibutyl ((butylamino)(6-metyl-4-oxo-4H-chromen-3-yl)methyl) phosphonate (**12**)



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S9. ³¹P and ¹³C spectra of diethyl ((benzylamino)(6-methyl-4-oxo-4H-chromen-3-yl)methyl) phosphonate (**14**)





S10. ¹H NMR spectra of diethyl ((benzylamino)(6-methyl-4-oxo-4H-chromen-3-yl)methyl) phosphonate (**14**)

S11. ³¹P and ¹³C spectra of diethyl (((2-hydroxyethyl)amino)(6-methyl-4-oxo-4H-chromen-3-yl) methyl) phosphonate (**15**)







S13. ³¹P and ¹³C spectra of diethyl (((4-hydroxybutyl)amino)(6-methyl-4-oxo-4H-chromen-3-yl) methyl)phosphonate (**16**)



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S14. ¹H NMR spectra of diethyl (((4-hydroxybutyl)amino)(6-methyl-4-oxo-4H-chromen-3-yl) methyl)phosphonate (**16**)



S15. ³¹P and ¹³C spectra of diethyl ((pheylamino)(6-methyl-4-oxo-4H-chromen-3-yl)methyl) phosphonate (**17**)







S17. ³¹P and ¹³C spectra of dibutyl ((6-methyl-4-oxo-4H-chromen-3-yl)(phenylamino)methyl) phosphonate (**18**)







S19. ³¹P and ¹³C spectra of dibutyl ((4-methoxyphenyl)amino(6-methyl-4-oxo-4H-chromen-3-yl) methyl)phosphonate (**19**)



9.5

8.5

8.0

7.0

6.5



5.0

3.5

2.0

0.5

S21. ³¹P and ¹³C spectra of dibutyl ((4-chlorphenyl)amino(6-methyl-4-oxo-4H-chromen-3-yl) methyl)phosphonate (**20**)



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