

Supporting Information for New Journal of Chemistry

Synthesis and study of (*R*)- and (*S*)-β-hydroxyphosphonate acyclonucleosides as structural analogues of (*S*)-HPMPC (Cidofovir)

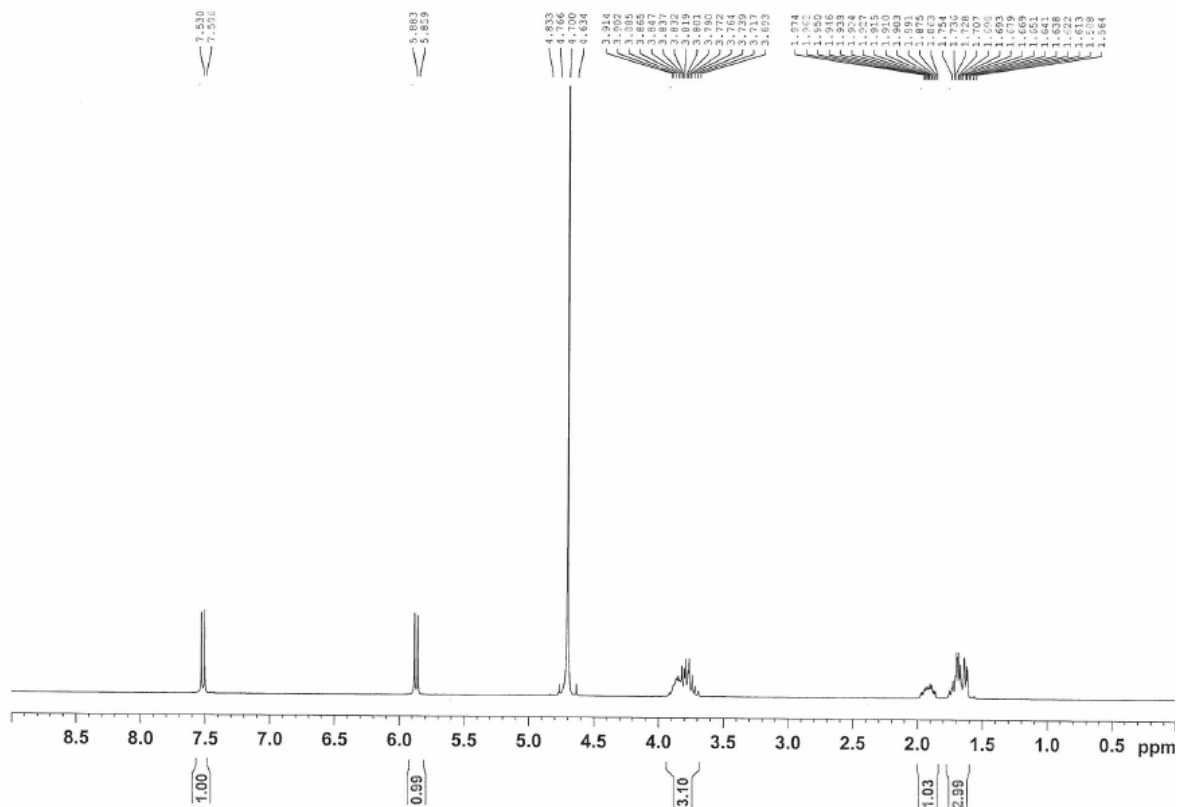
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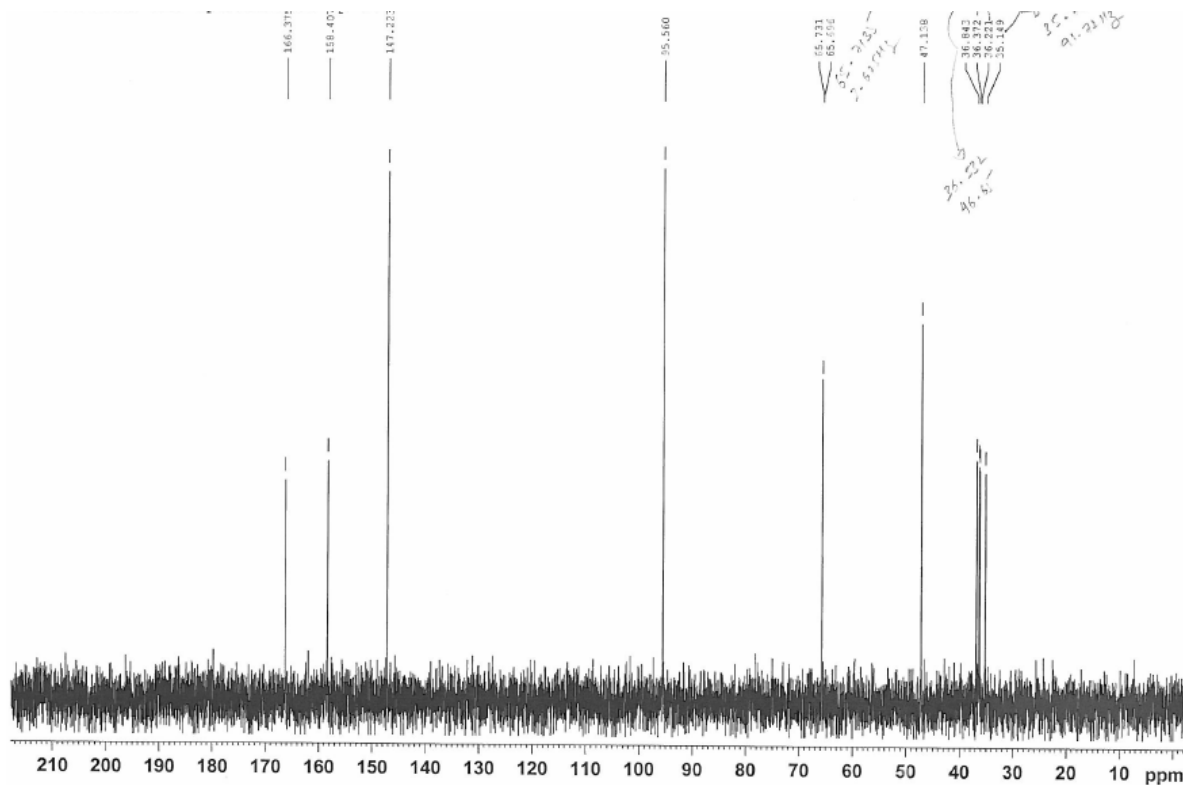
^b Sorbonne Universités, Univ. Paris 06, UMR 8256 Adaptation biologique et vieillissement, Enzymologie moléculaire et fonctionnelle, Equipe Vieillissement Cellulaire Intégré et Inflammation, cc 256, 7, quai St Bernard, 75252 Paris Cedex 05, France.

Spectral data for all derivatives (¹H, ¹³C and ³¹P NMR, MS and HR-MS)

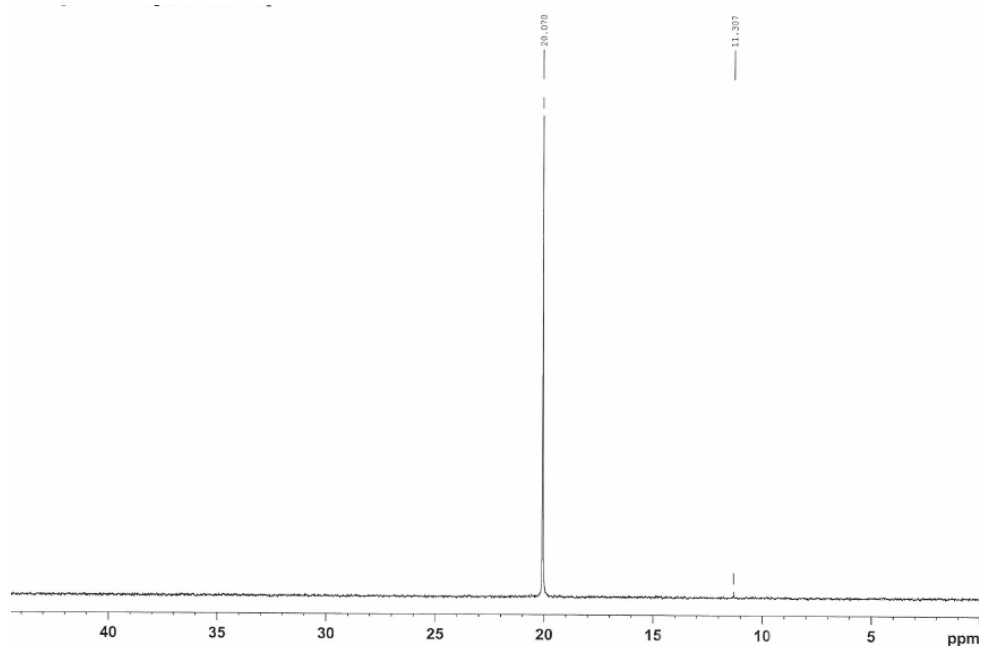
1. ^1H NMR for Compound (R)-2



2. ^{13}C NMR for Compound (R)-2

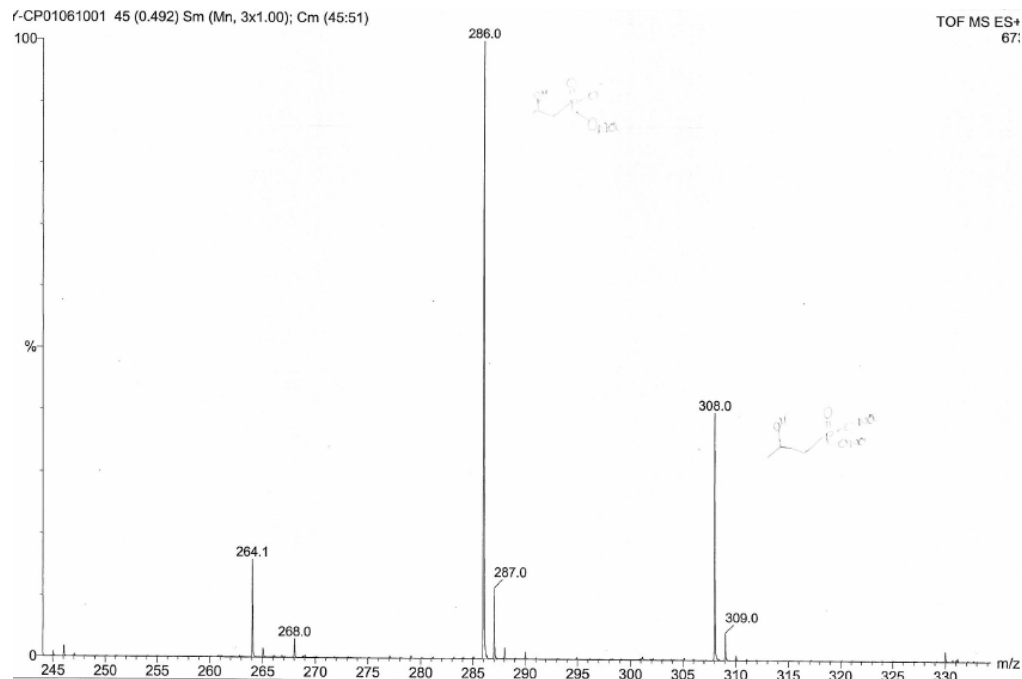


3. ³¹P NMR for Compound (R)-2



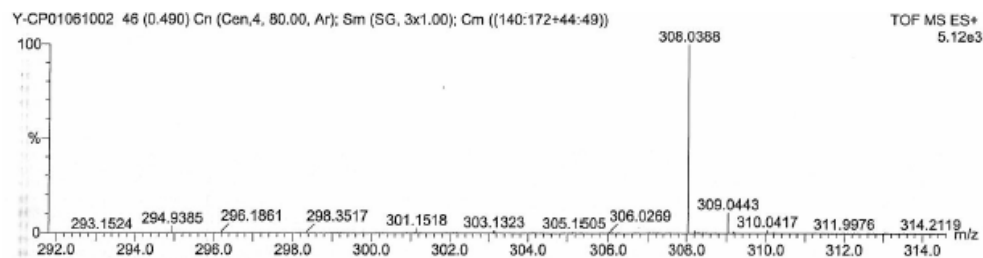
4. MS for Compound (R)-2

r-CP01061001 45 (0.492) Sm (Mn, 3x1.00); Cm (45:51)



5. HR-MS for Compound (R)-2

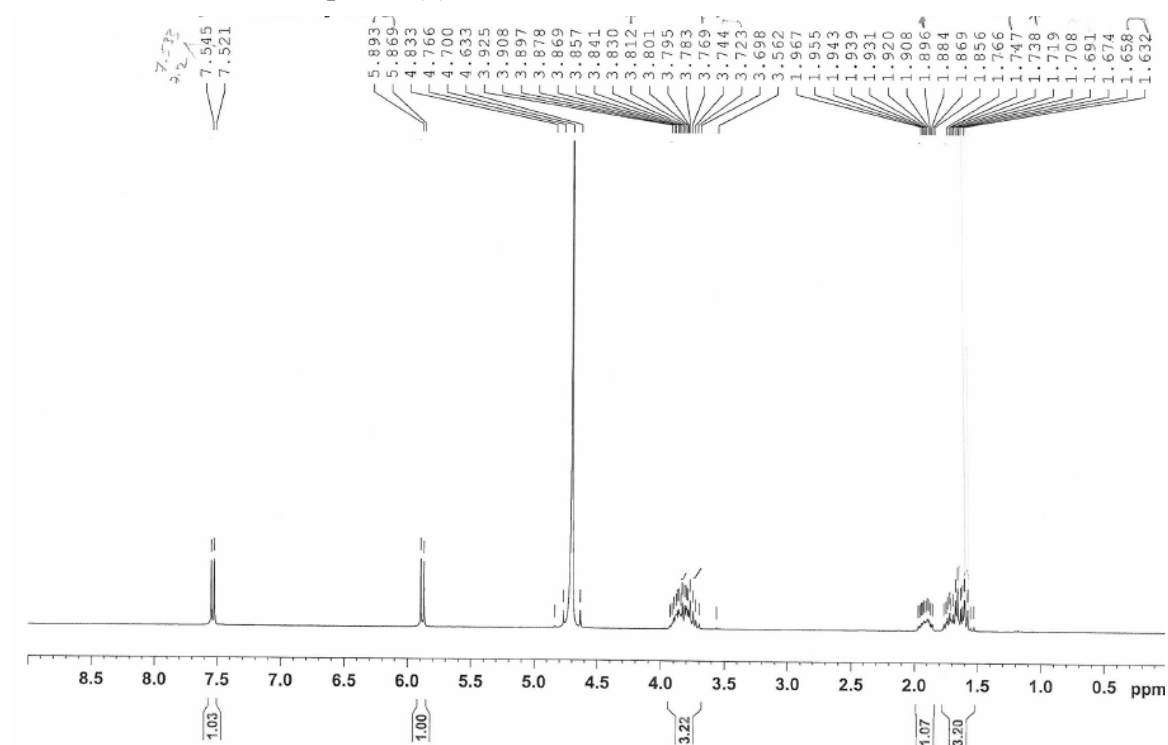
Y-CP01061002 46 (0.490) Cn (Cen,4, 80.00, Ar); Sm (SG, 3x1.00); Cm ((140:172+44:49))



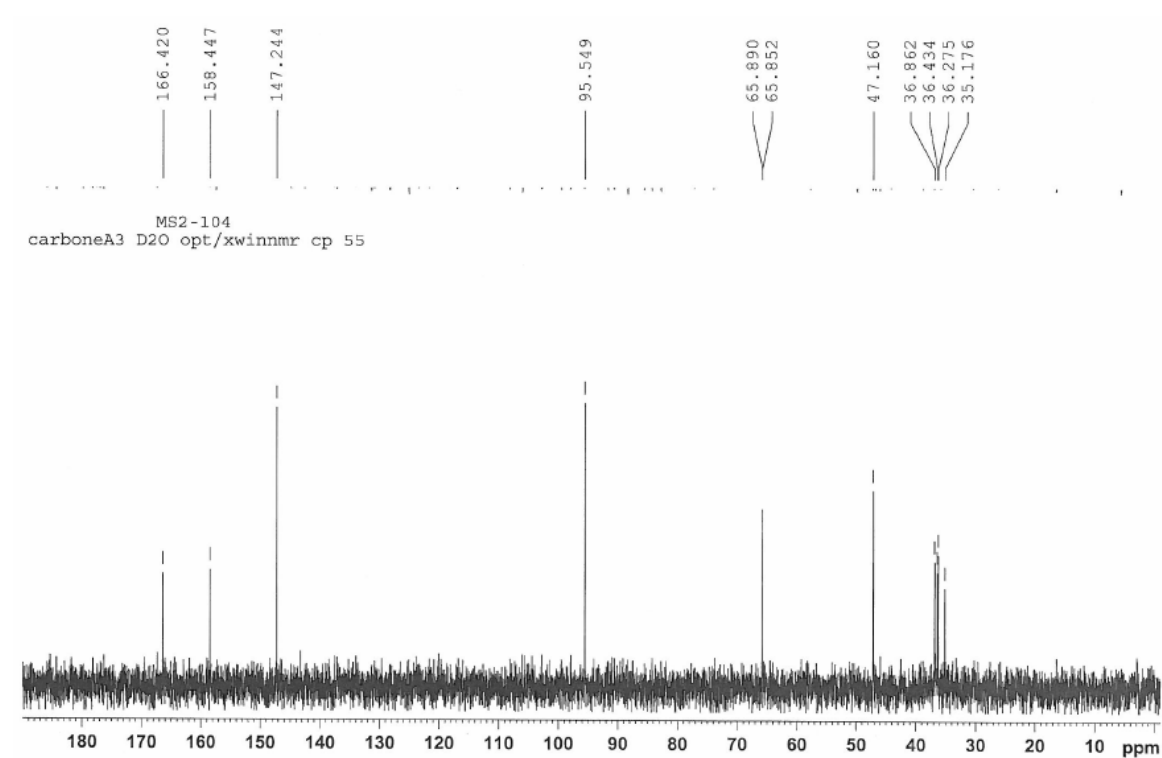
Minimum: -10.0
Maximum: 100.0

Mass	Calc. Mass	mDa	PPM	DBE	Score	Formula
308.0388	308.0388	0.0	-0.1	3.5	1	C8 H13 N3 O5 P Na2 ✓
	308.0415	-2.7	-8.8	8.0	2	C11 H11 N4 O2 P Na2

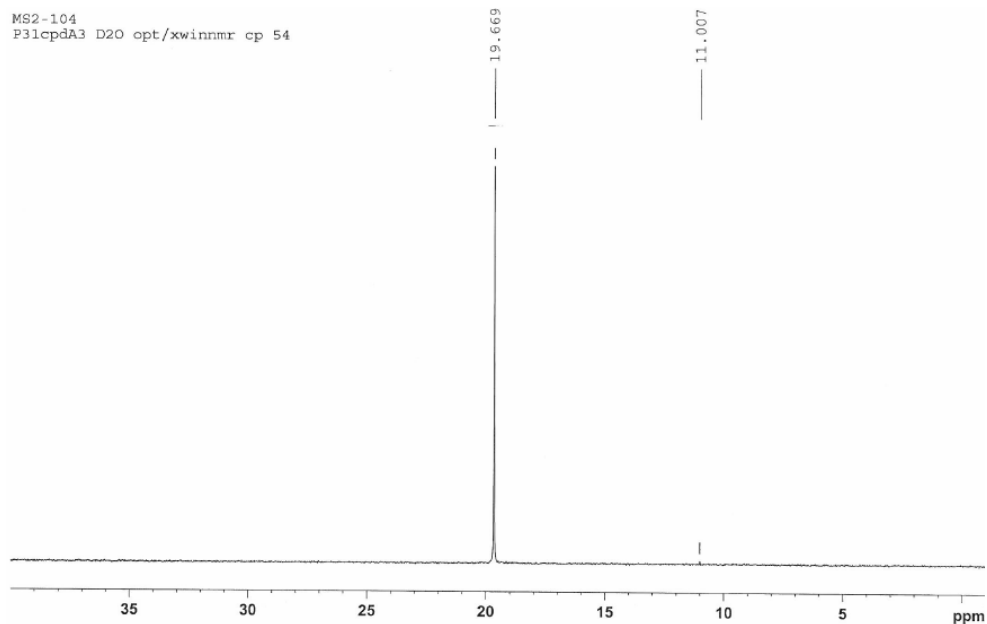
6. ^1H NMR for Compound (S)-2



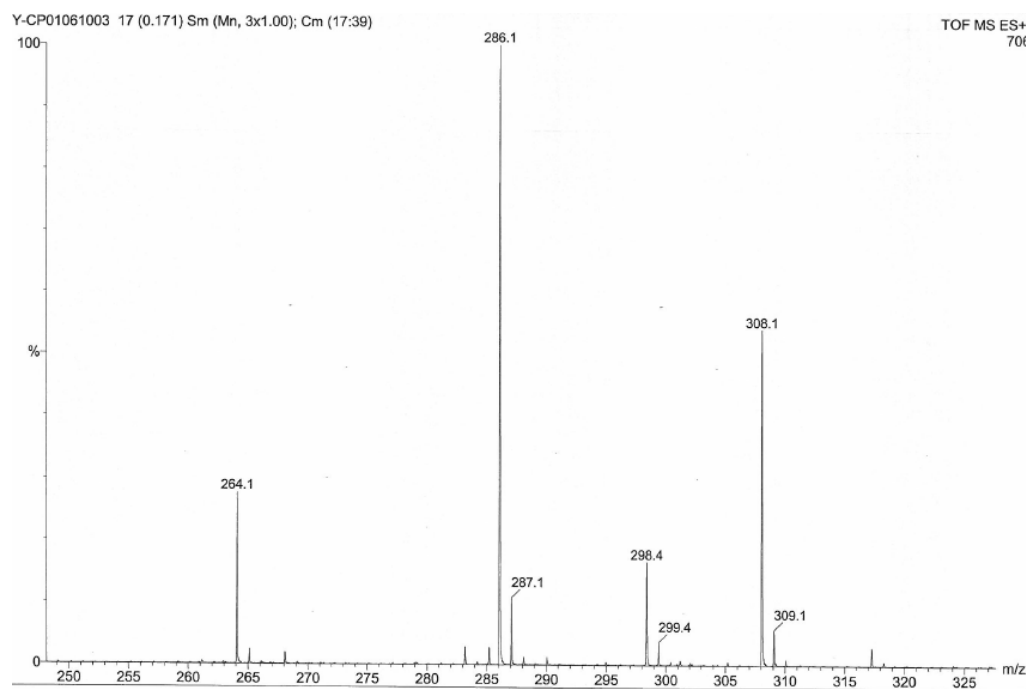
7. ^{13}C NMR for Compound (S)-2



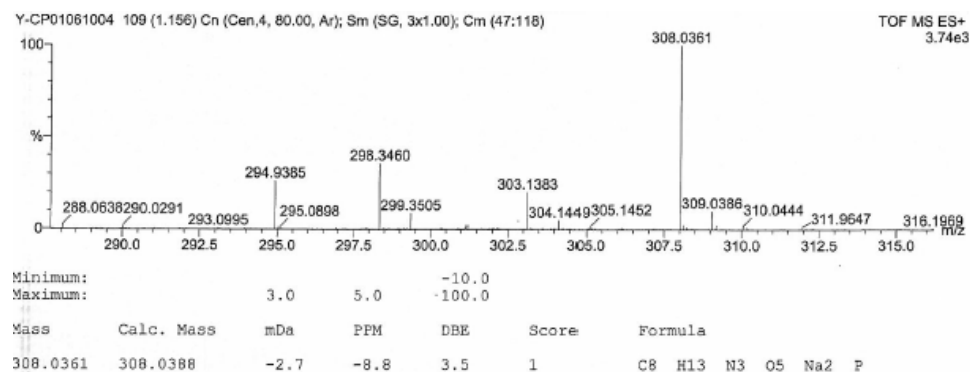
8. ³¹P NMR for Compound (S)-2



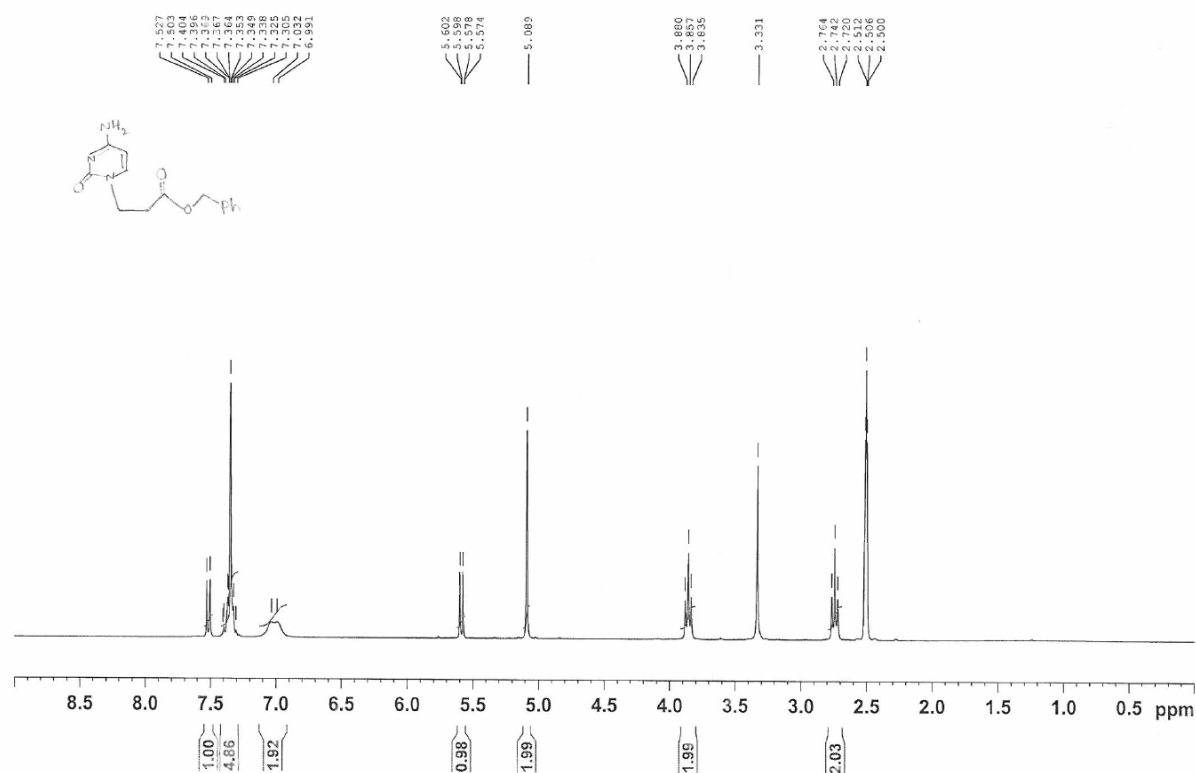
9. MS for Compound (S)-2



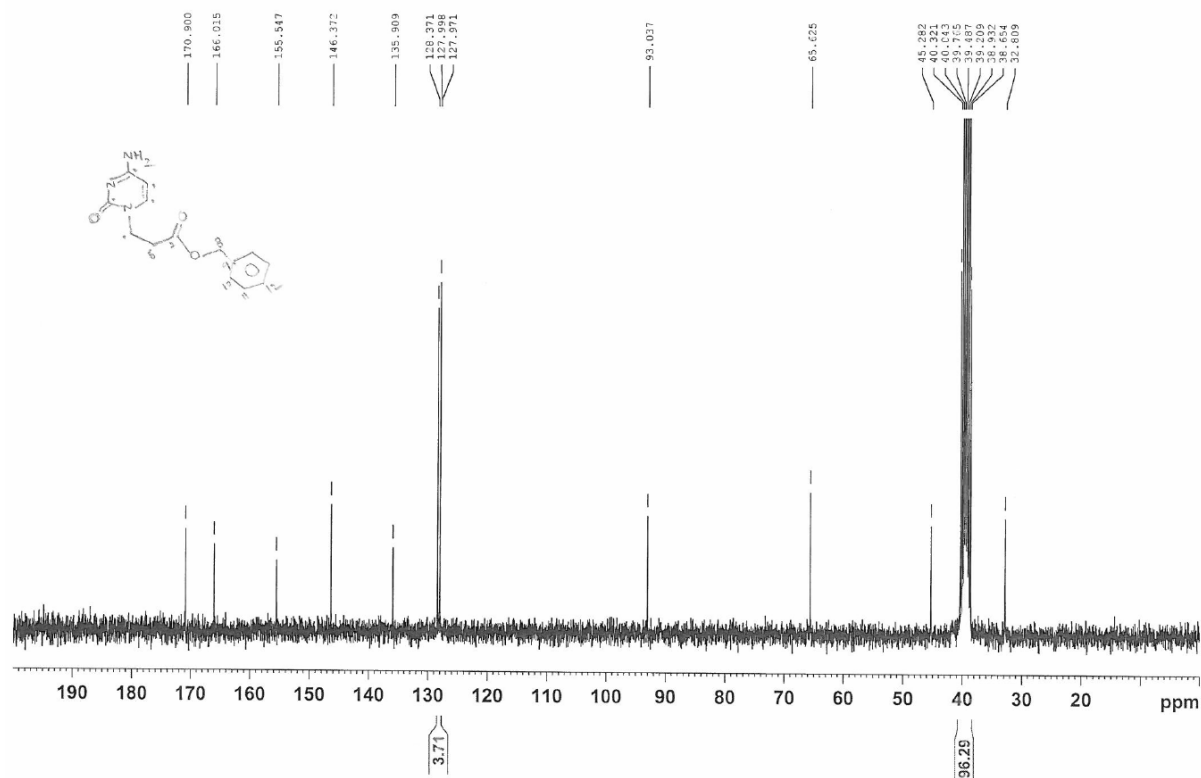
10. HR-MS for Compound (S)-2



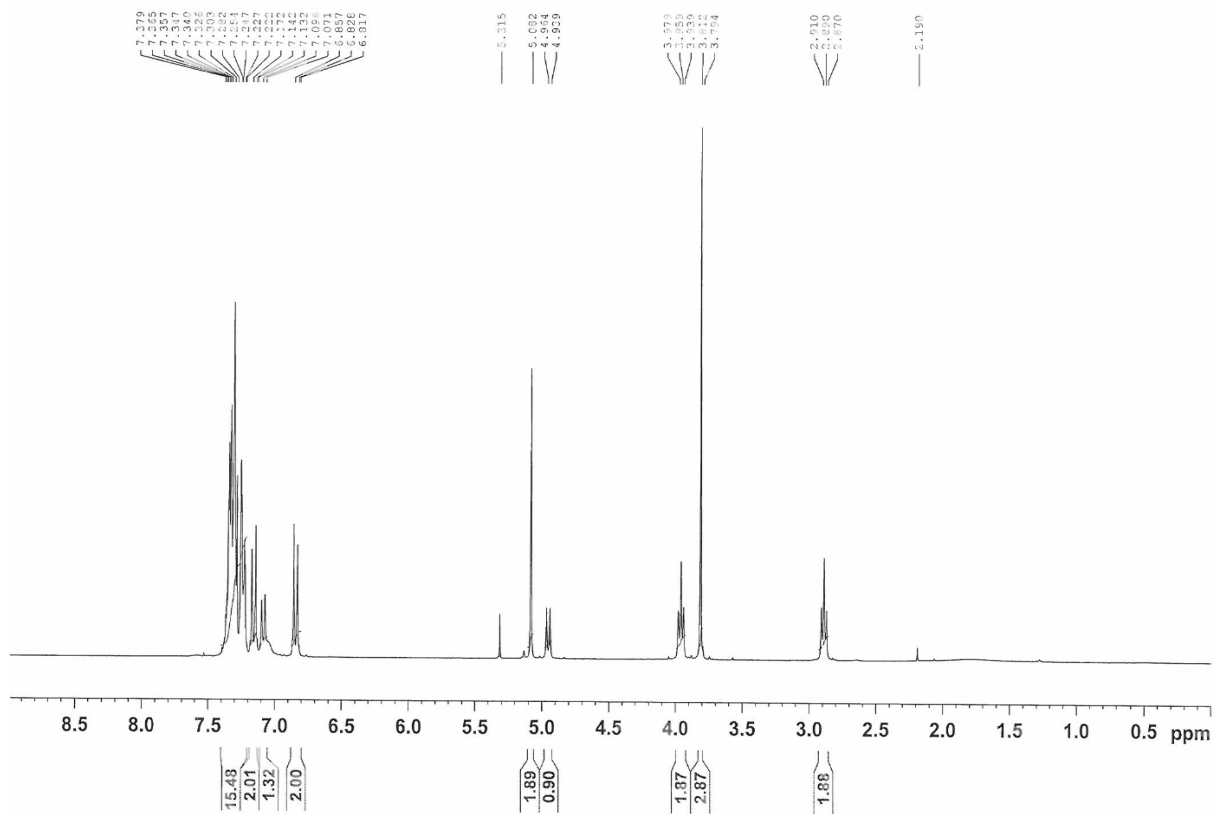
11. ¹H NMR for Compound 3



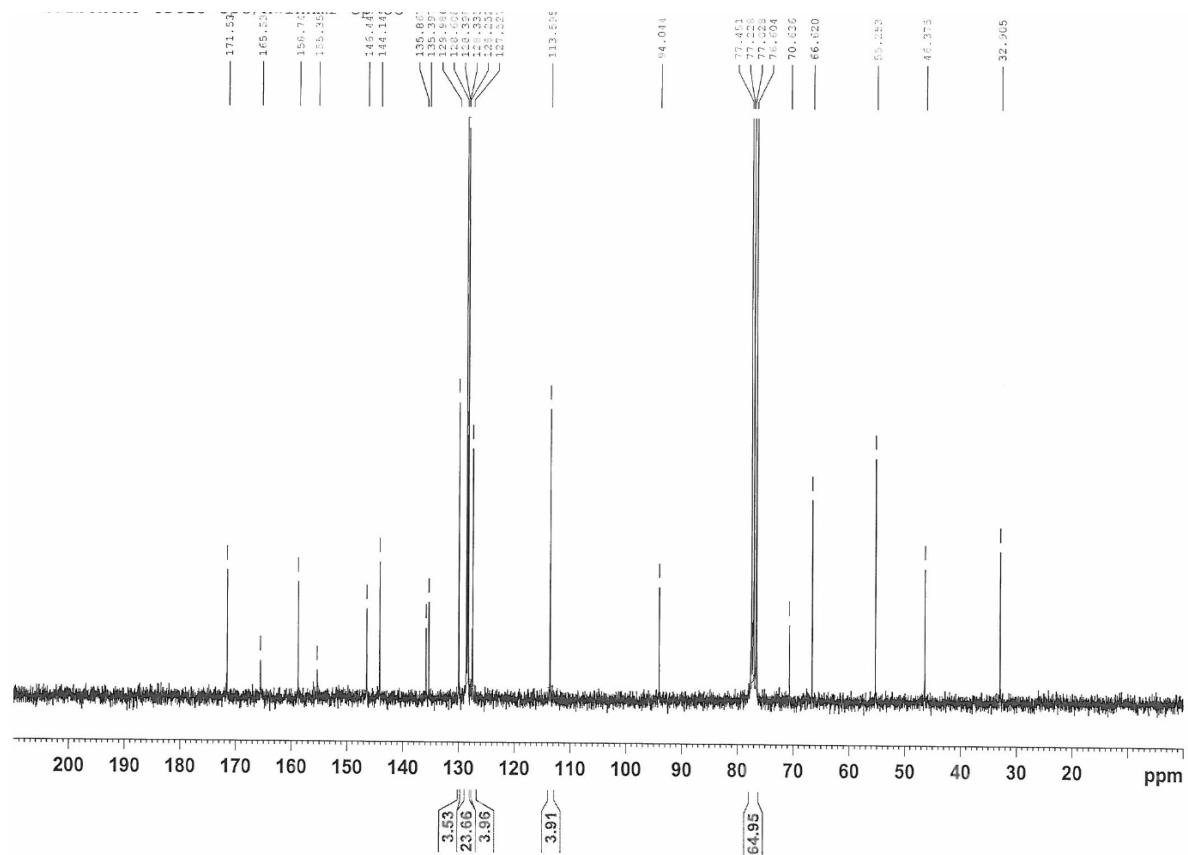
12. ¹³C NMR for Compound 3



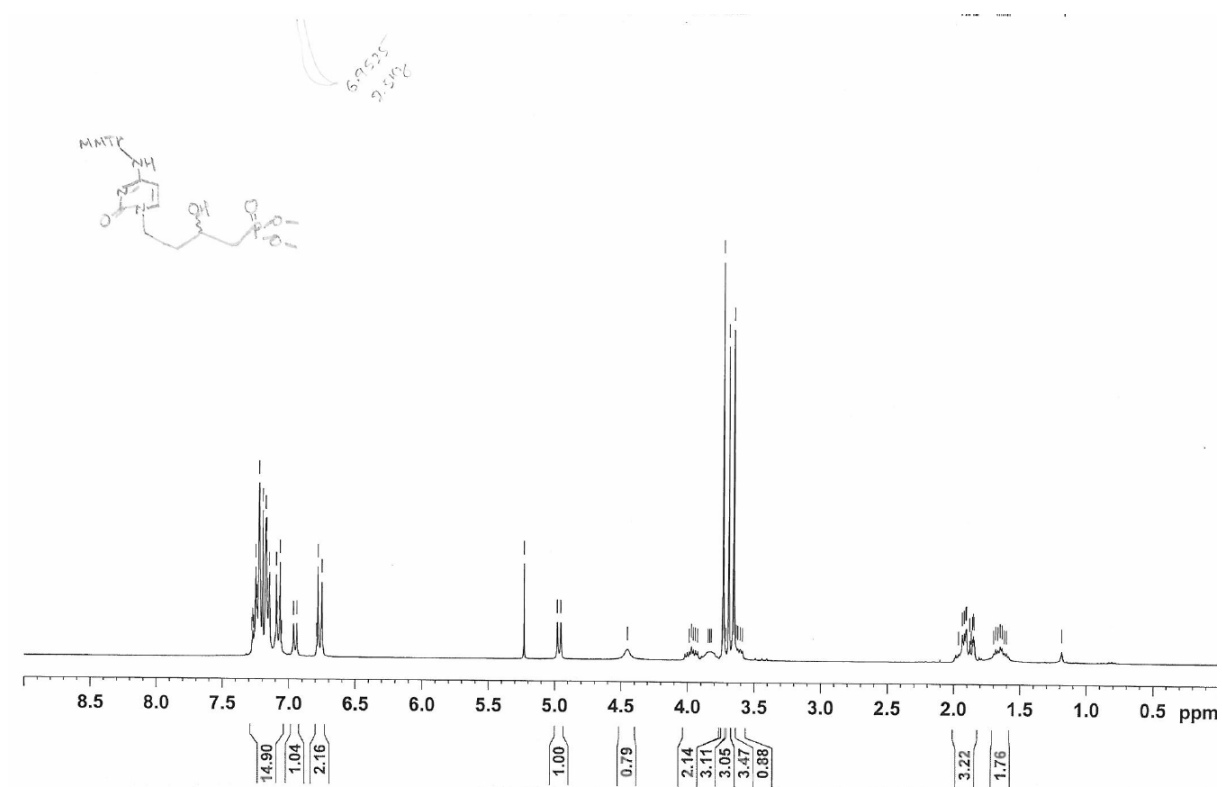
13. ¹H NMR for Compound 4



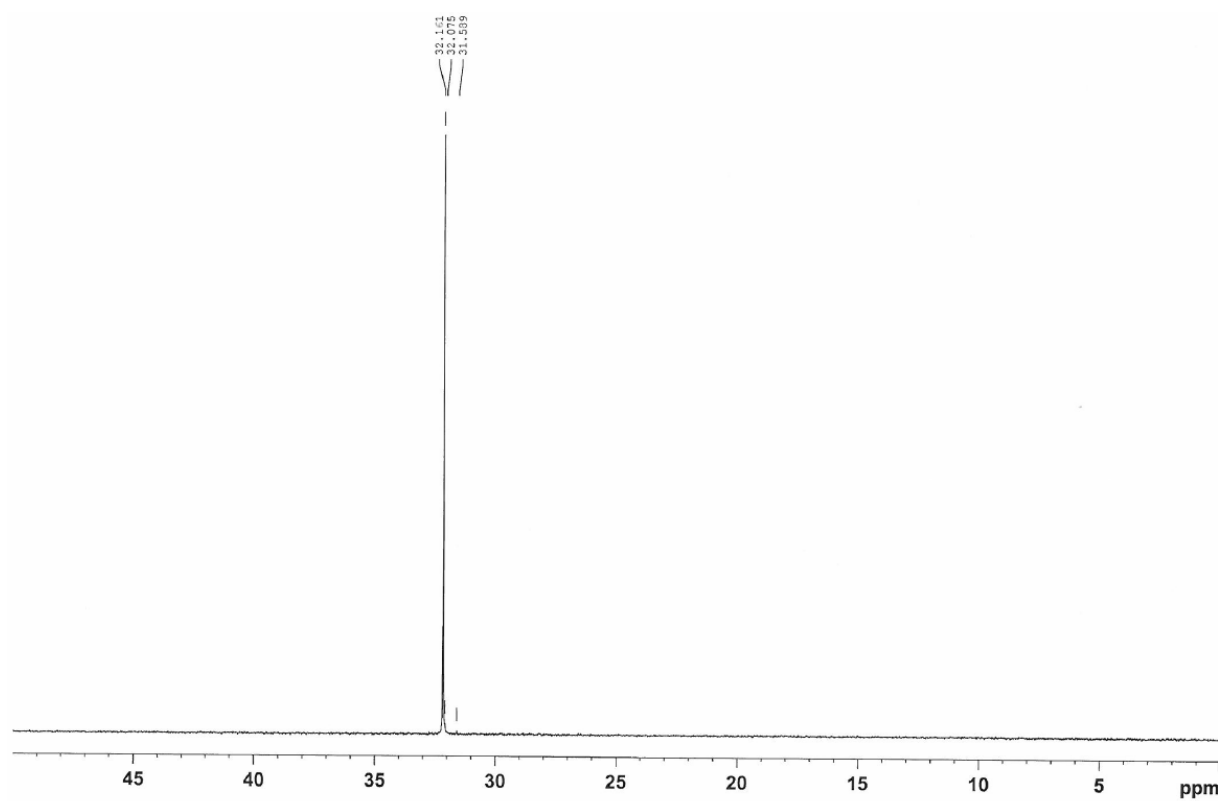
14. ¹³C NMR for Compound 4



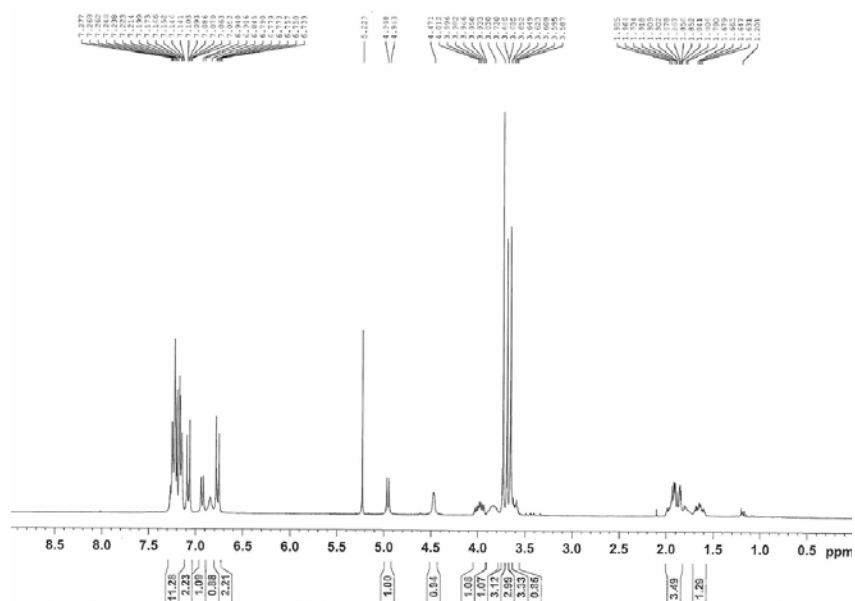
18. ^1H NMR for Compound ($\pm$) 6



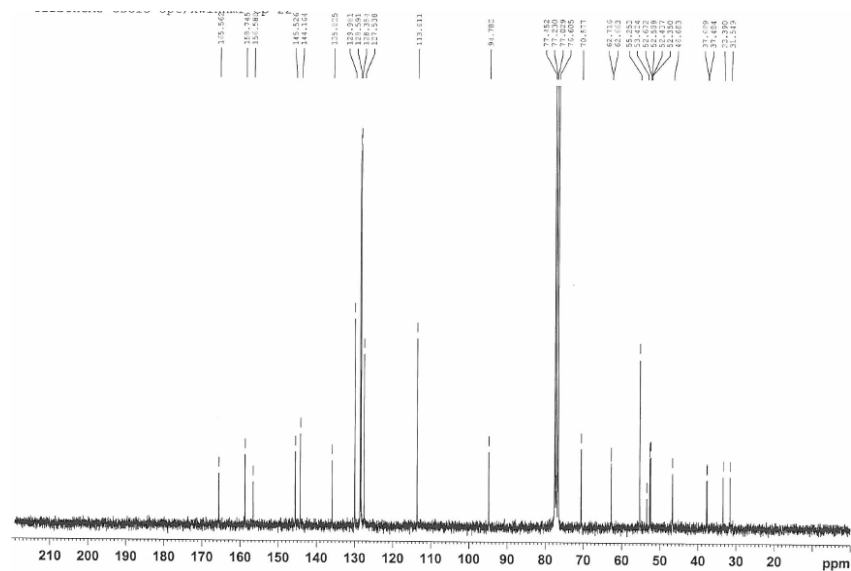
19. ^{31}P NMR for Compound ($\pm$) 6



26. ¹H NMR for Compound (R)-8



27. ¹³C NMR for Compound (R)-8



28. ³¹P NMR for Compound (R)-8

