New β -ketophosphonates for the synthesis of prostaglandin analogues. 2. Phosphonates with a bicyclo[3.3.0]octene and bicyclo[3.3.0]octane scaffolds linked to the β -ketone group.

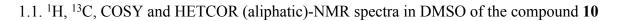
Constantin Tănase^a, Constantin Drăghici^b, Miron T. Căproiu^b

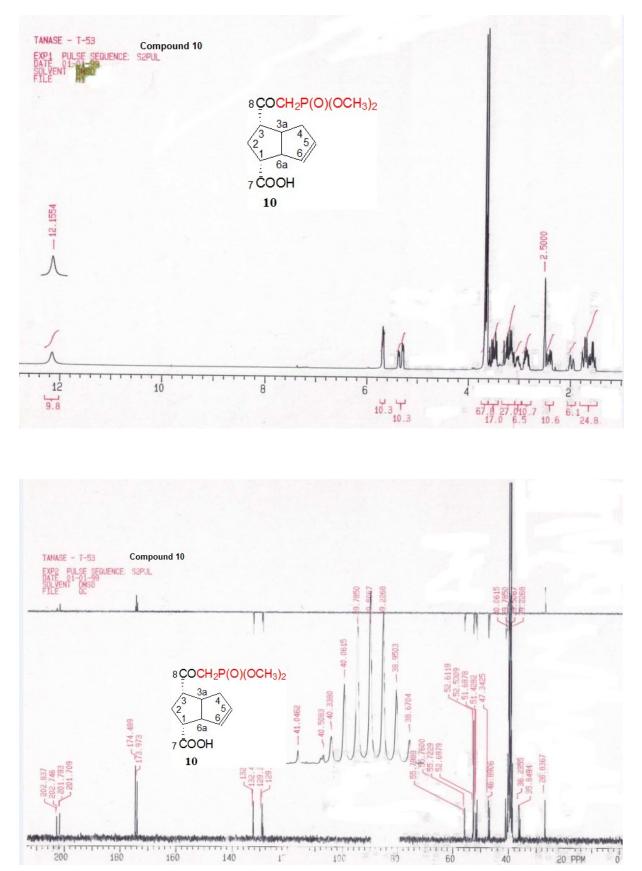
^aNational Institute for Chemical-Pharmaceutical Research and Development, 112 Vitan Av., 74373, Bucharest 3, ROMANIA

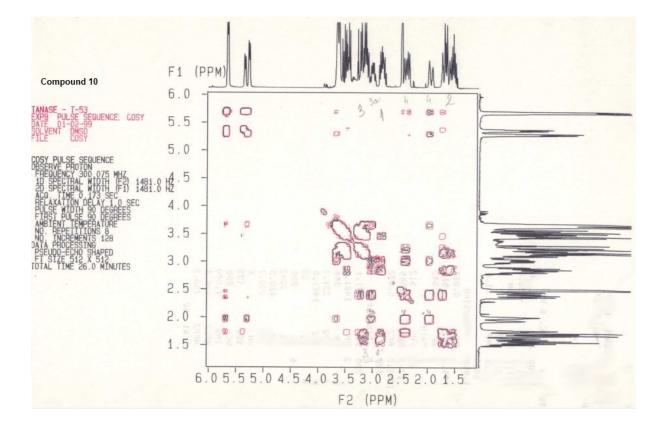
^bOrganic Chemistry Center "C.D. Nenitzescu", 202 B, Splaiul Independentei, Bucharest 6, ROMANIA

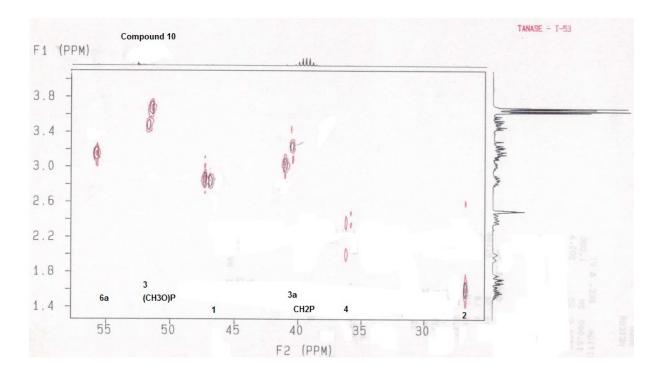
* Correspondence author: cvtanase@gmail.com; Tel.: +40-21-321-2117; Fax: +40-21-322-291

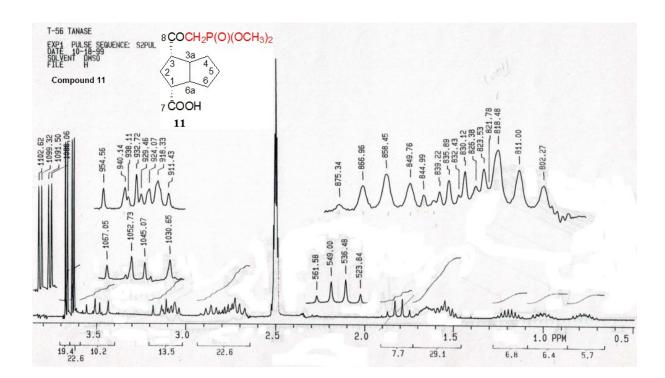
1. NMR Spectra of the compounds

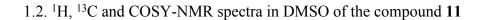


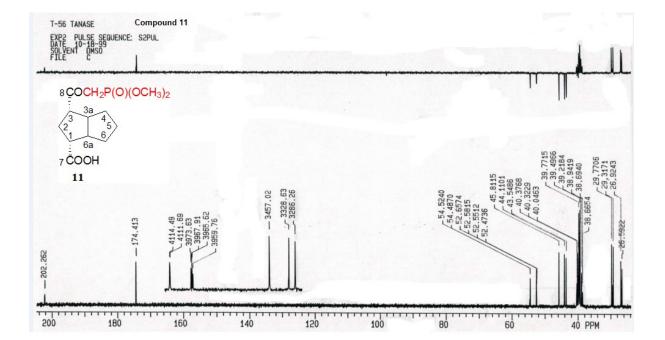


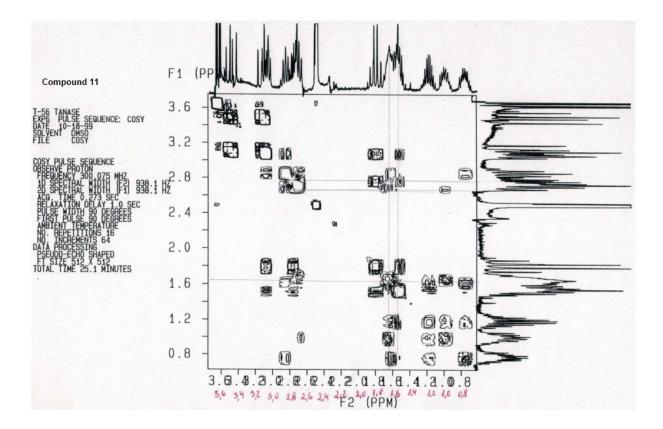




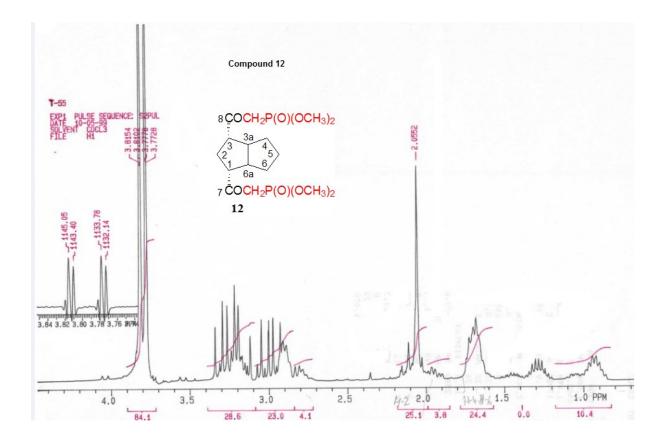


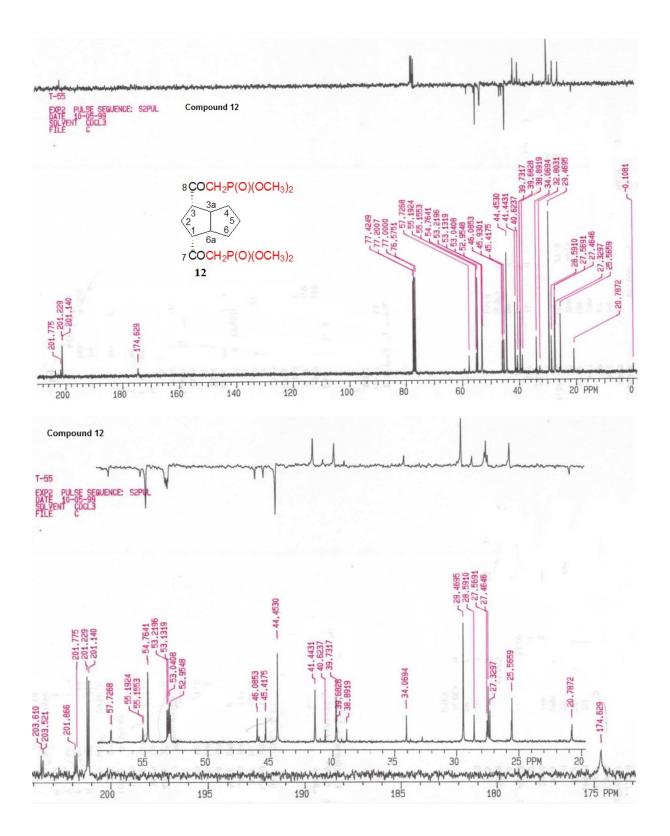


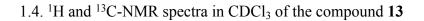


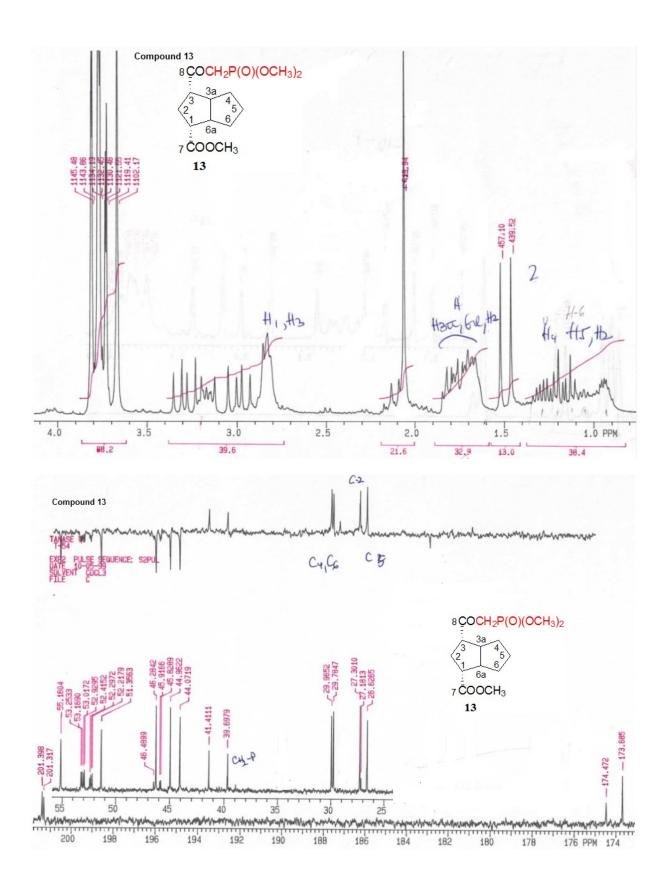


1.3. ¹H and ¹³C-NMR spectra in CDCl₃ of the compound 12









1.5. $^1\mathrm{H}$ and details, $^{13}\mathrm{C}$ and details, COSY and HETCOR (aliphatic)-NMR spectra in CDCl_3 of the compound 16

