

SUPPORTING INFORMATION

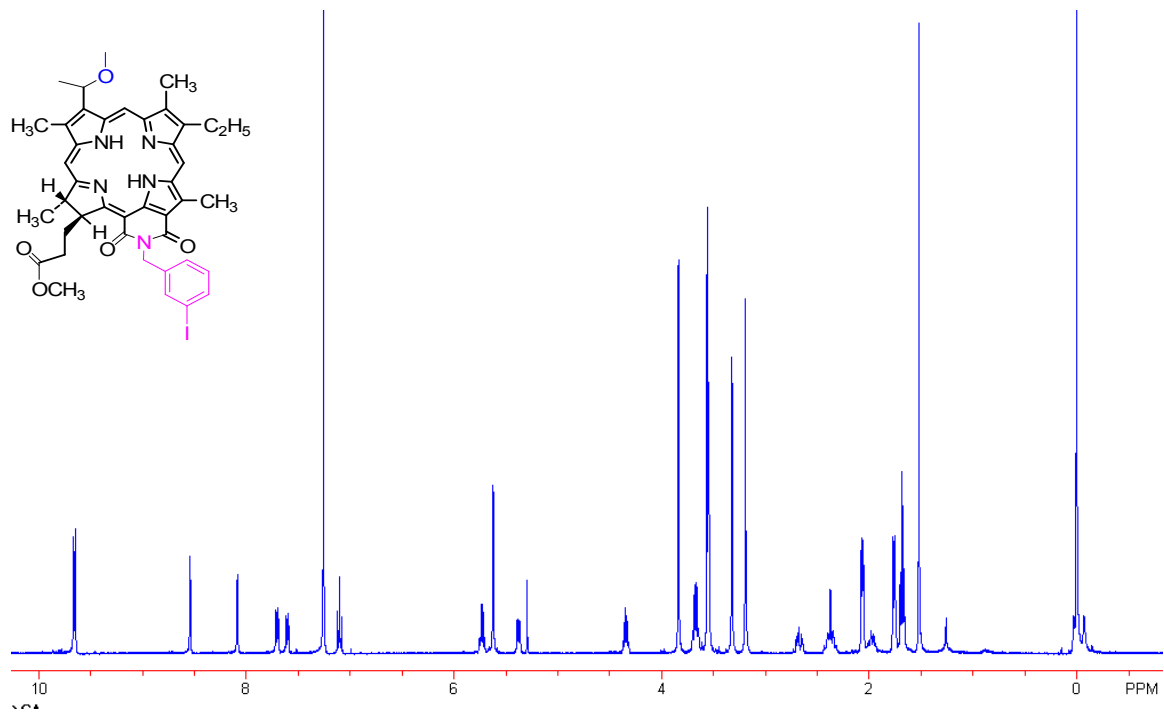
Compared to Purpurinimides, the Pyropheophorbide Containing an Iodobenzyl Group showed Enhanced PDT Efficacy and Tumor Imaging (^{124}I -PET) Ability

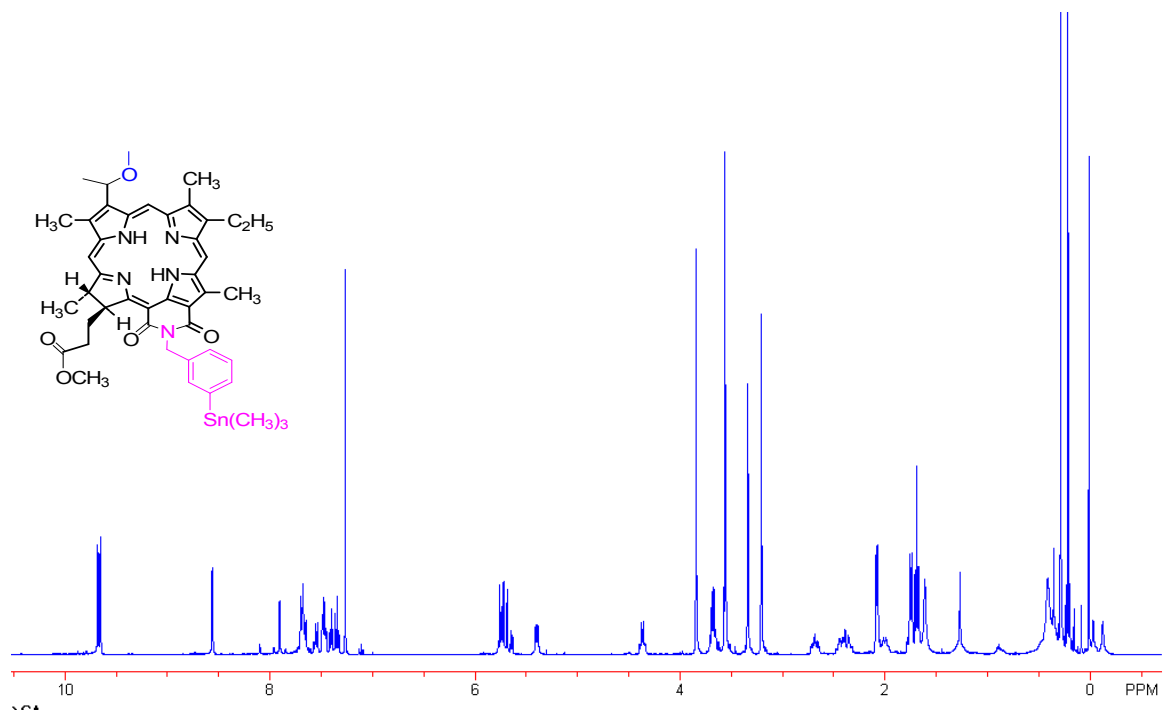
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Joseph R. Missert¹, Carrie Batt¹, Rutao Yao³, Hani A. Nabi³,
Allan R. Oseroff² and Ravindra K. Pandey^{1,*}

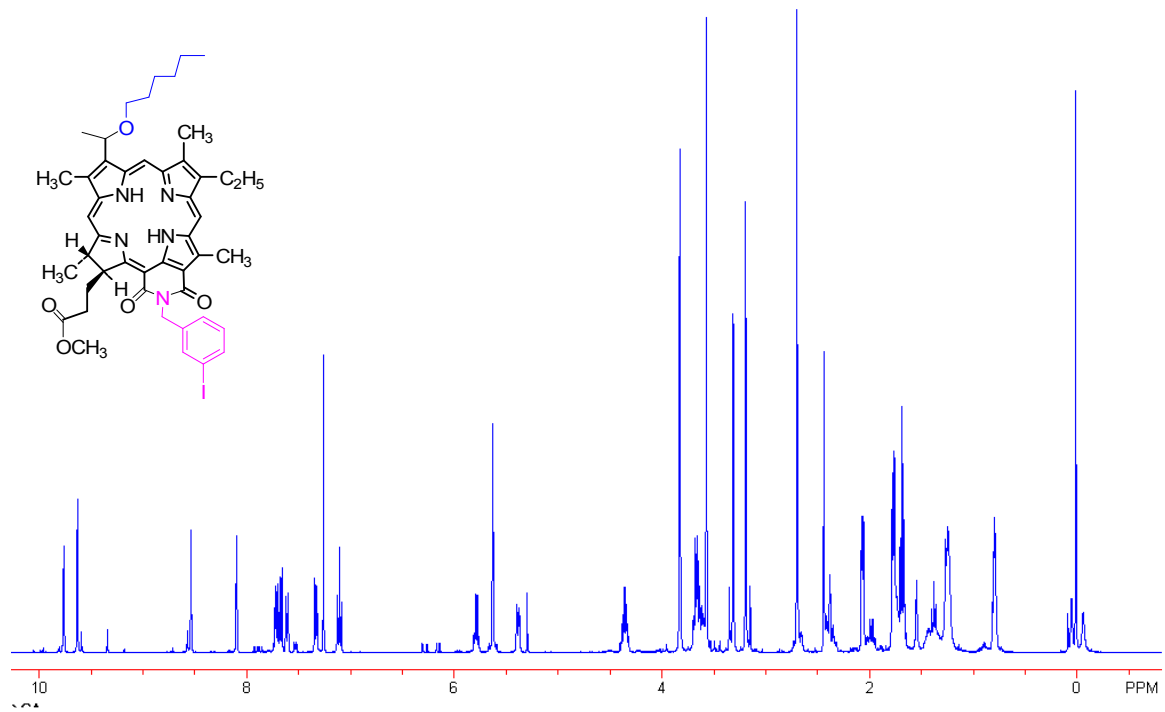
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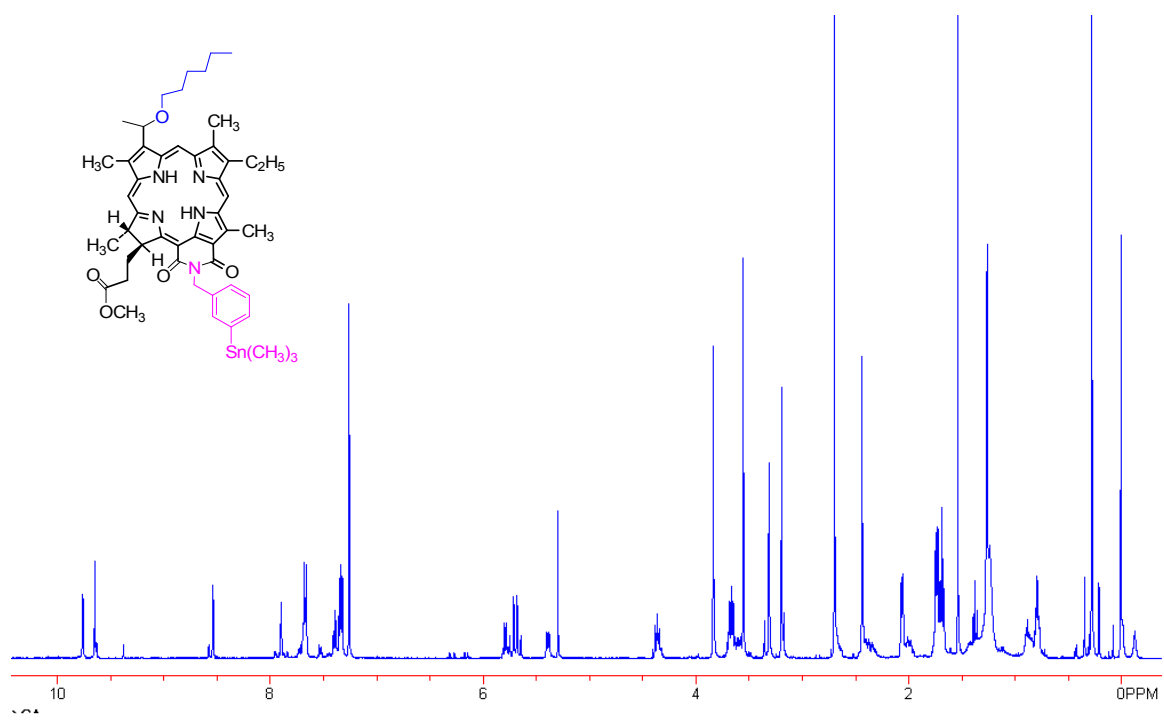
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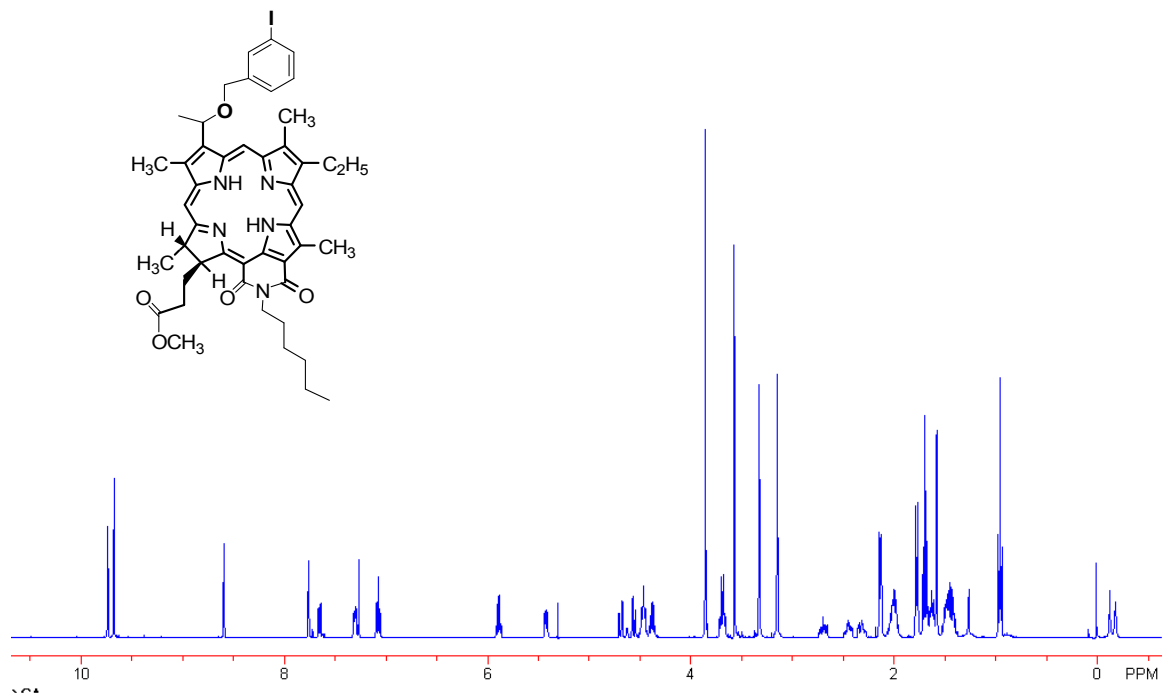
- S1: Title page
- S2: NMR spectrum of compound **10**
- S3: NMR spectrum of compound **11**
- S4: NMR spectrum of compound **5**
- S5: NMR spectrum of compound **7**
- S6: NMR spectrum of compound **4**
- S7: NMR spectrum of compound **6**
- S8: HPLC chromatogram of compound **1**
- S9: HPLC chromatogram of compound **4**
- S10: HPLC chromatogram of compound **5**
- S11: HPLC chromatogram of compound **10**
- S12: HPLC chromatograms of I-124 labeled compounds **8, 9** and **12**.

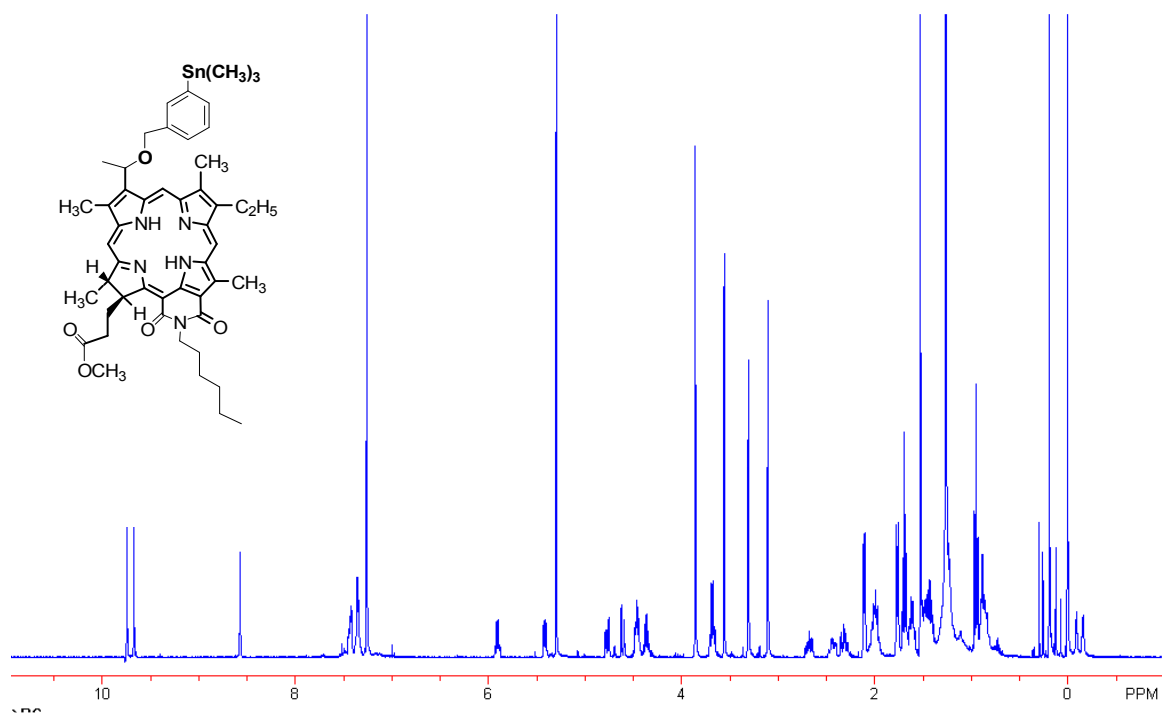




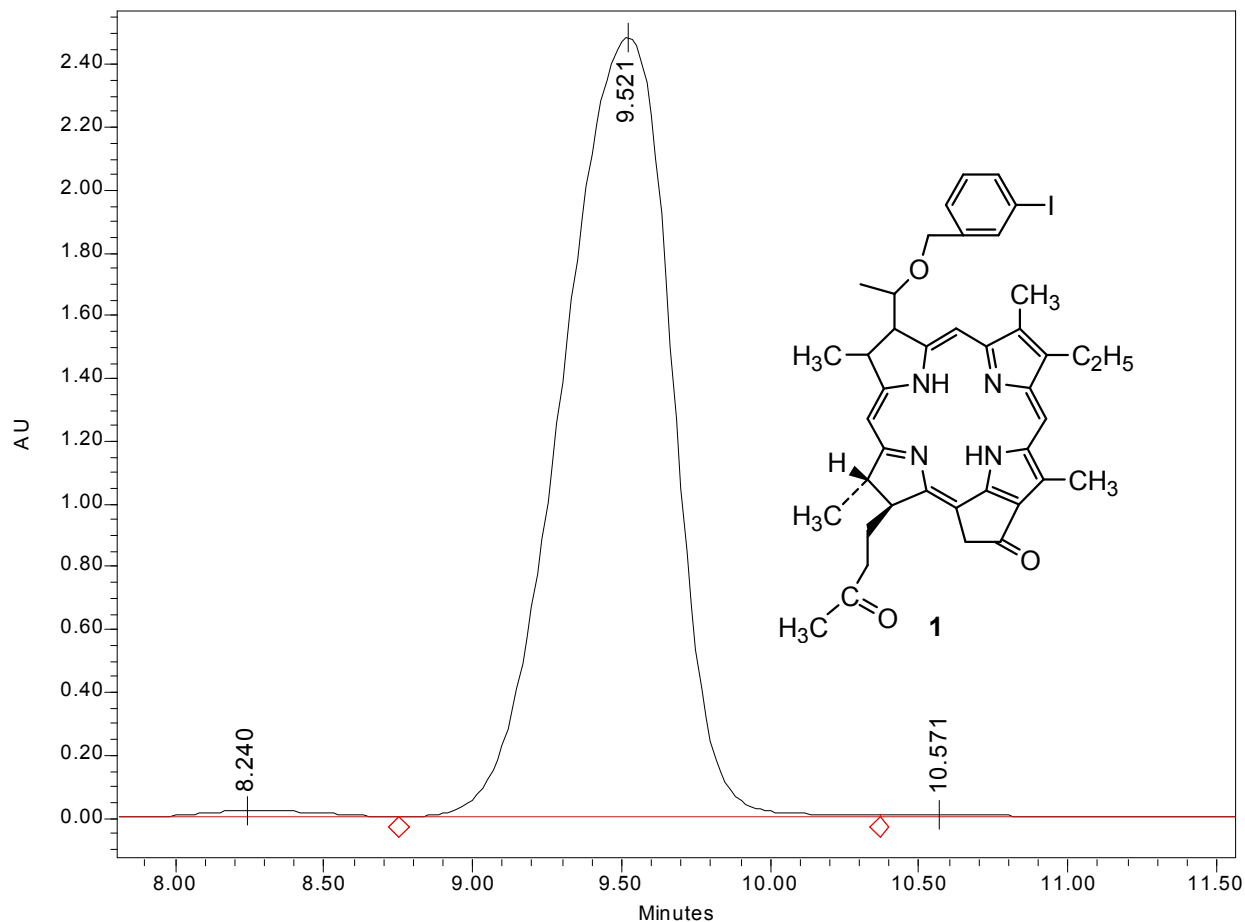


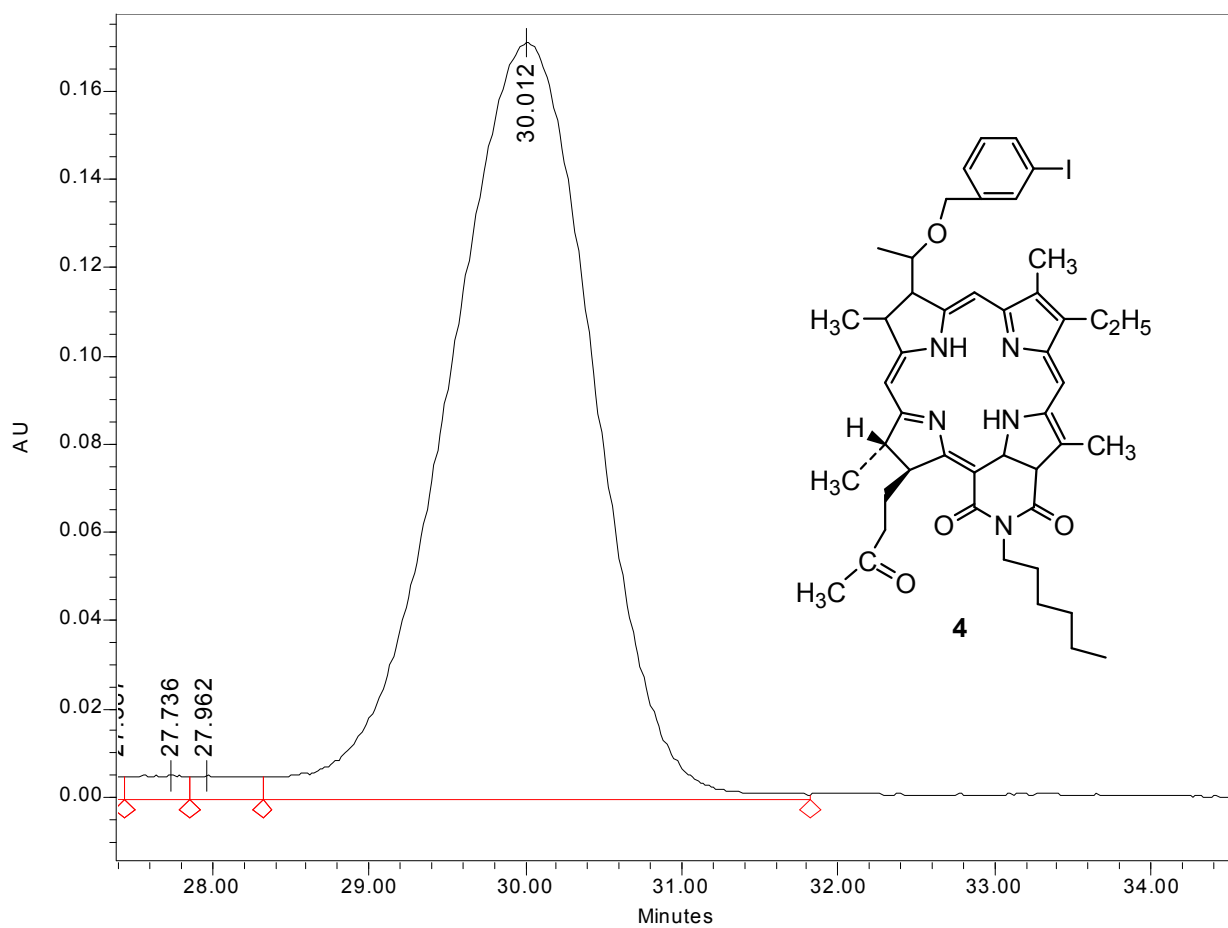


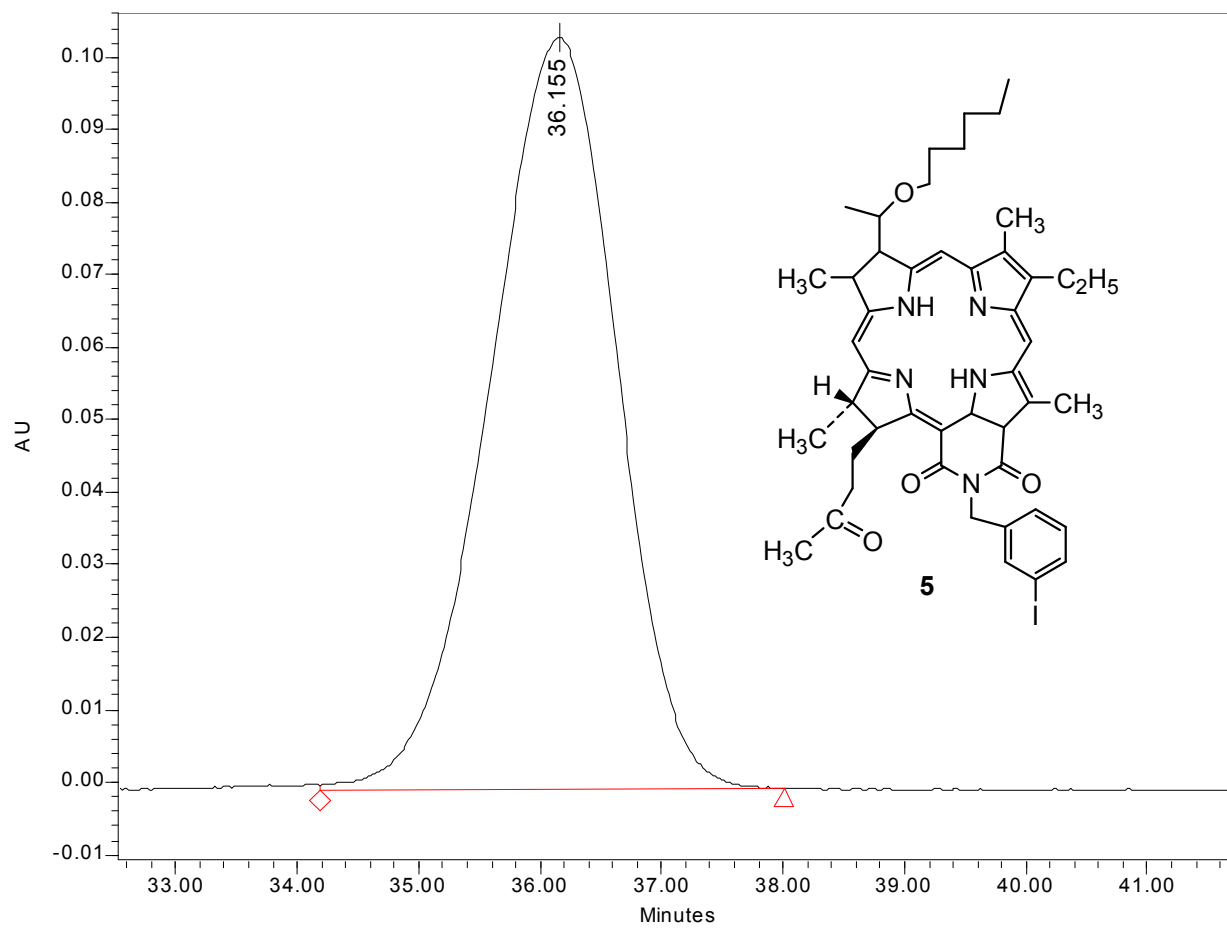




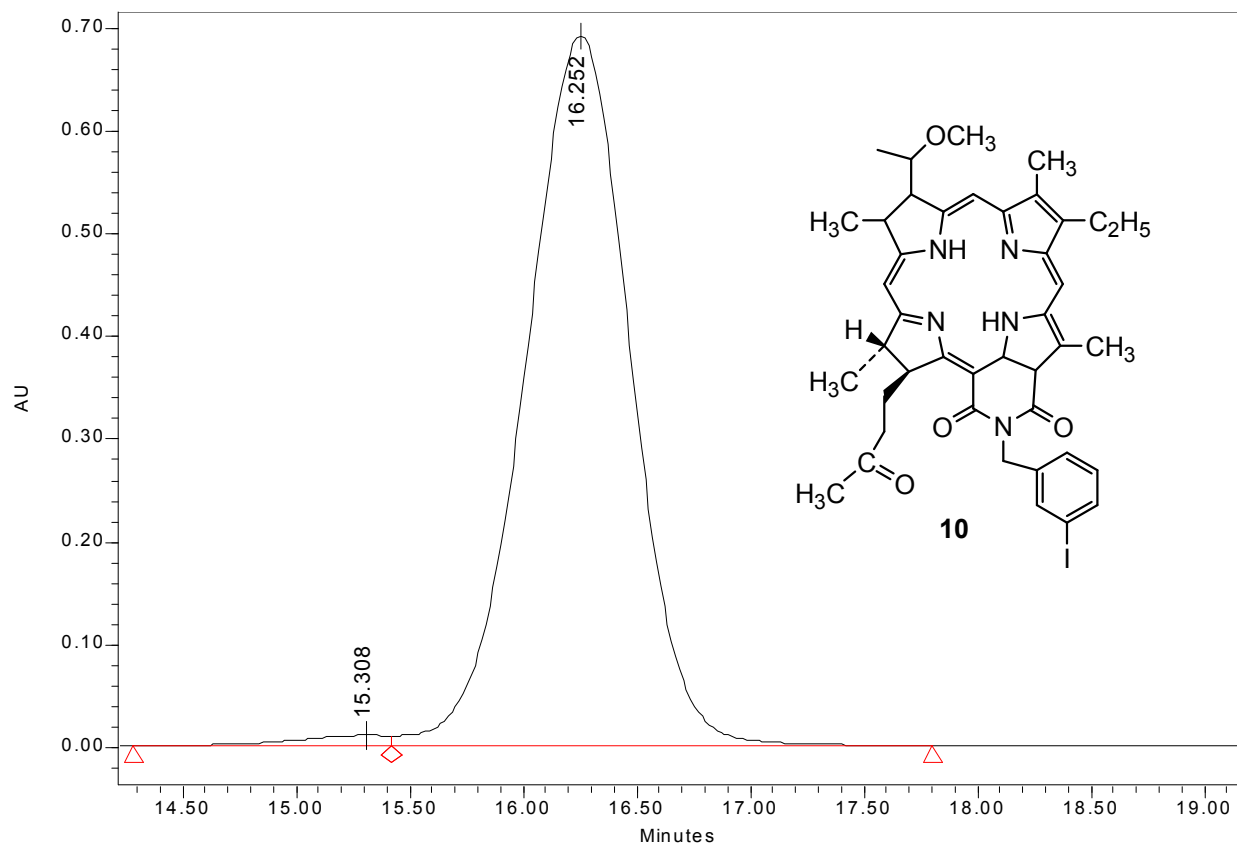
HPLC system: Waters (Milford, MA) system including waters 600 Controller, Delta 600 pump and 996 Photodiode Array Detector was used. Reverse phase, Symmetry[®] C18, 5 μ m, 4.6 x 150 mm column was used under isocratic setting. The eluting solvent for all the compounds is pure MeOH.



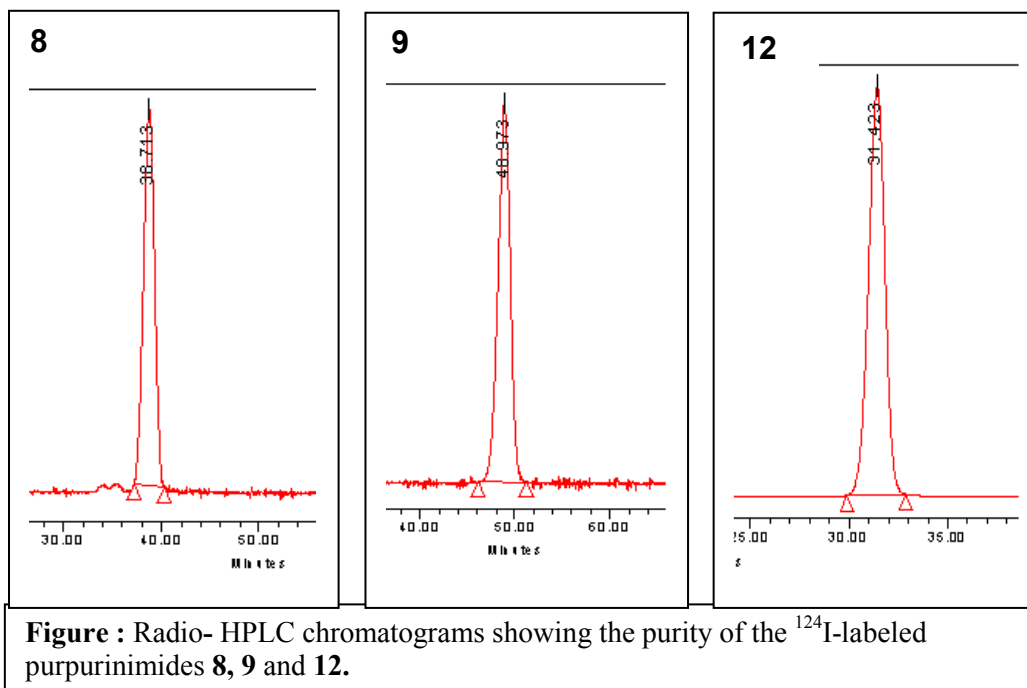




S10



S11



Note:

The difference in the retention times between the labeled and non-labeled compounds is due to the difference of the size of the HPLC column and the polarity of the eluting solvents.