Synthesis and photochemical studies of two p-hydroxyphenacyl derived photocages

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Introduction

Experimental design

Conclusion and Future Development

The synthesis of three photocages and corresponding probe molecule is demonstrated. All these photocages have absorption maxima over 400 nm in water and can be easily prepared.

Result and discussion

Normalized intensity

Wavelength (nm)

- MeOH
- H_2O

363 nm, 426 nm
418 nm
437 nm
446 nm
270 nm, 362 nm
290 nm, 421 nm

Future development 1 - cell imaging experiment

Future development 2 - caged cGAMP

Reference


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