

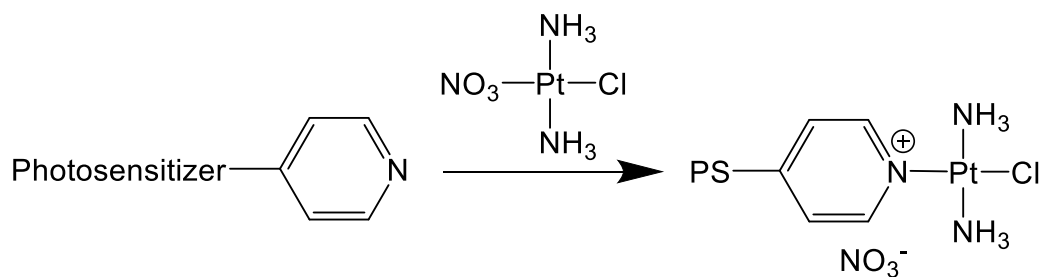
Platination of photosensitizer used in photodynamic therapy (PDT) improves the phototoxic index

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The phototoxic index (P.I.) is calculated as the ratio between dark and light toxicity.^[1] P.I. is an important parameter to rank different photosensitizer that are intended for the clinical use in photodynamic therapy.

In recent years, we have discovered that the covalent conjugation of transplatin with pyridyl containing photosensitizer increases the light to dark toxicity ratio up to 20.^[2, 3, 4, 5] In the presentation, I will explain the reasons for this highly desired behaviour of conjugates of transplatin with photosensitizers.



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