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## Fluorescing BOPHY, BODIPY and Triazapentalene Derivatives

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The laboratory of organic synthesis in Leuven is interested in new synthetic methodologies leading to novel dye molecules. We will present our newest results on a variety of fluorescing dyes.

Firstly, we will present our results on the substitution of BODIPY dyes by radical addition, and the properties of some of the substituted derivatives will be disclosed.[1]

Secondly, we will report the use of dichloroBOPHY dyes to extend the variety of this novel class of dye molecules, including fused derivatives.[2]

Thirdly, we will include an application of our new triazolization method towards the synthesis of fluorescing aryltriazapentalene dyes. [3] To end, some other applications of the triazoles will also be reported, including applications in porphyrin chemistry.[4]

## REFERENCES

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