



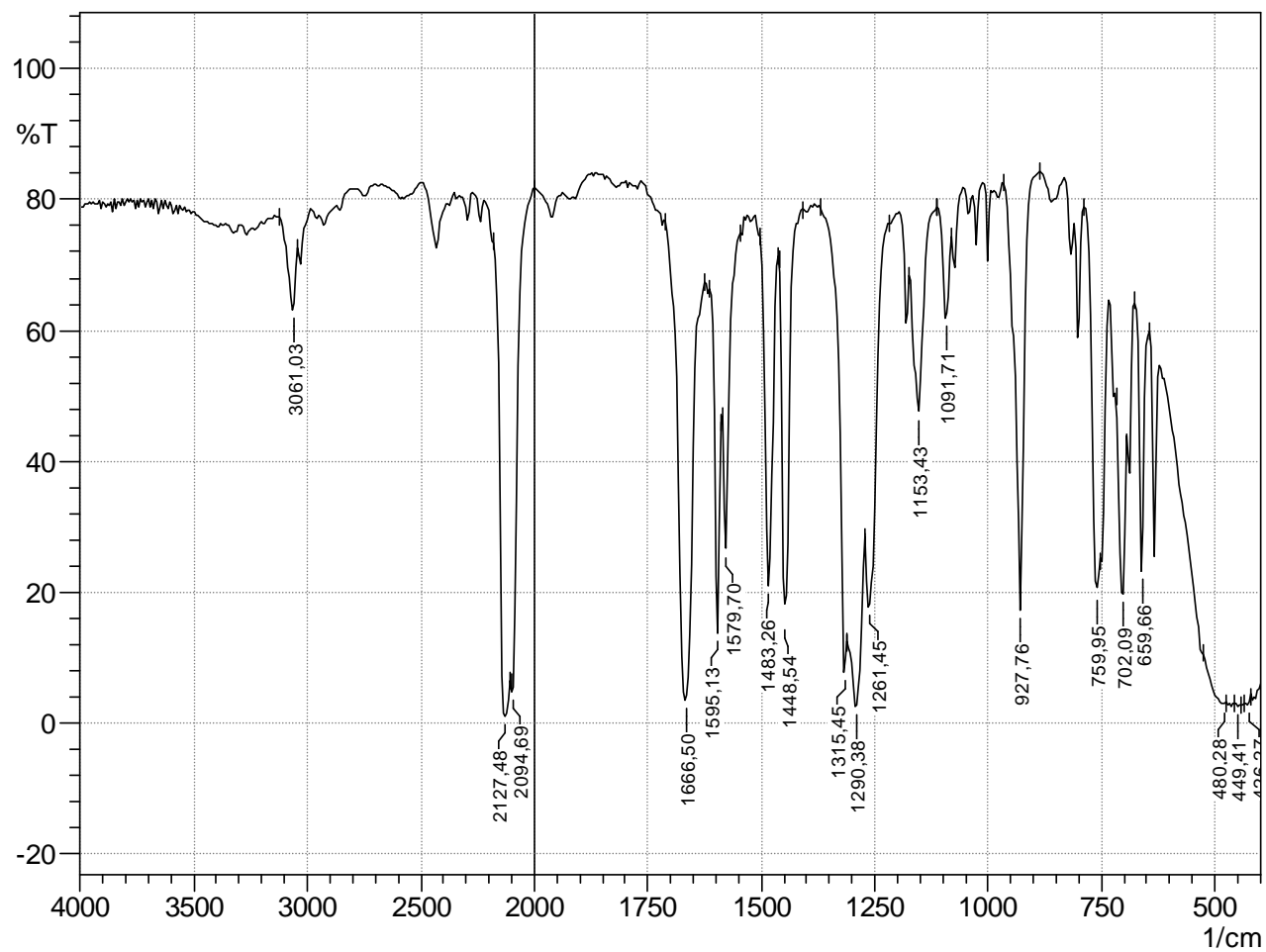
Photocyclization *of 2-azidobenzophenone*

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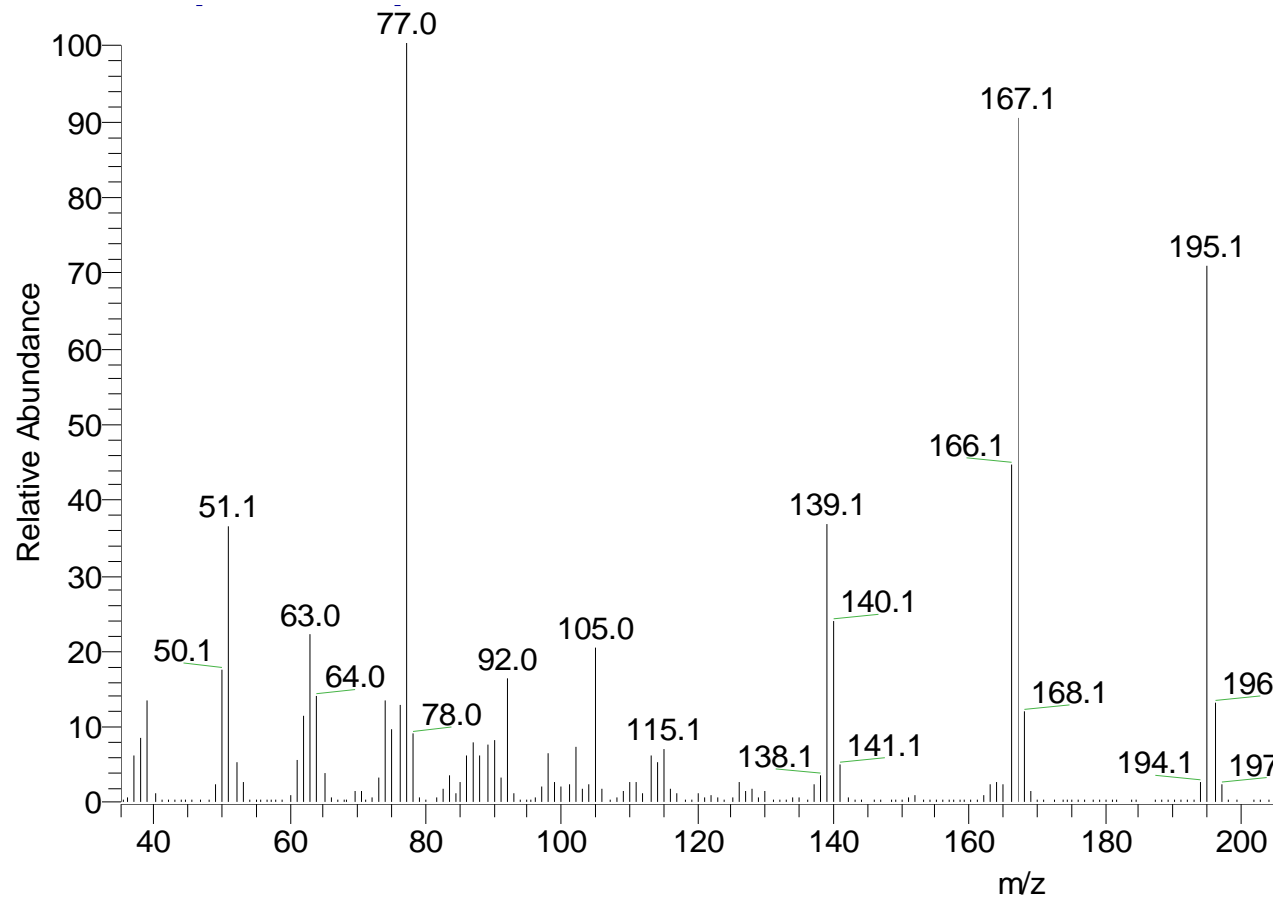
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23, Nizhnii Novgorod, 603950, Russia.*

E-mail: budruev@gmail.com

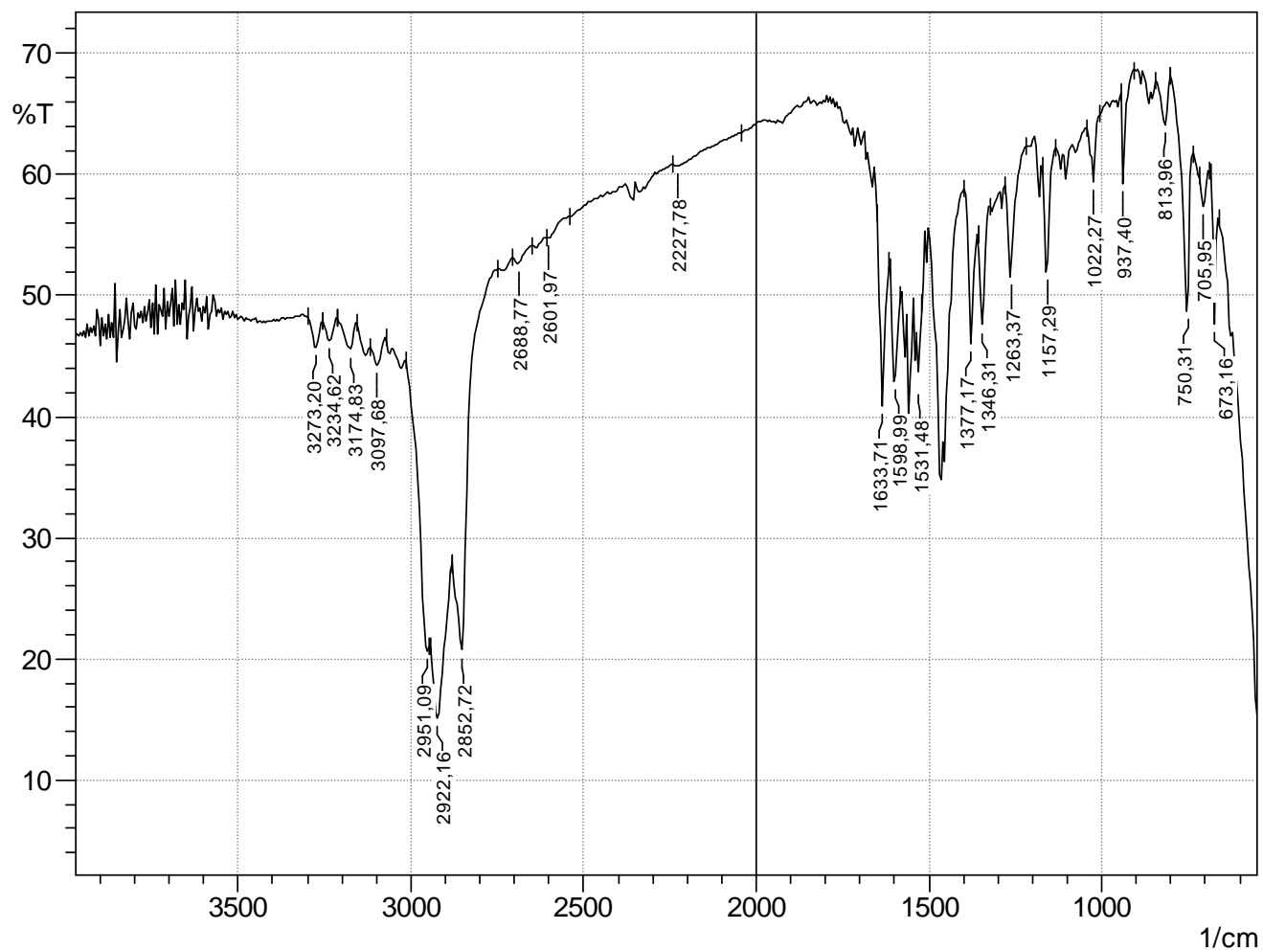
IR spectrum of 2- azidobenzophenone in nujol mull



Mass-spectrum of 3-phenylantranil

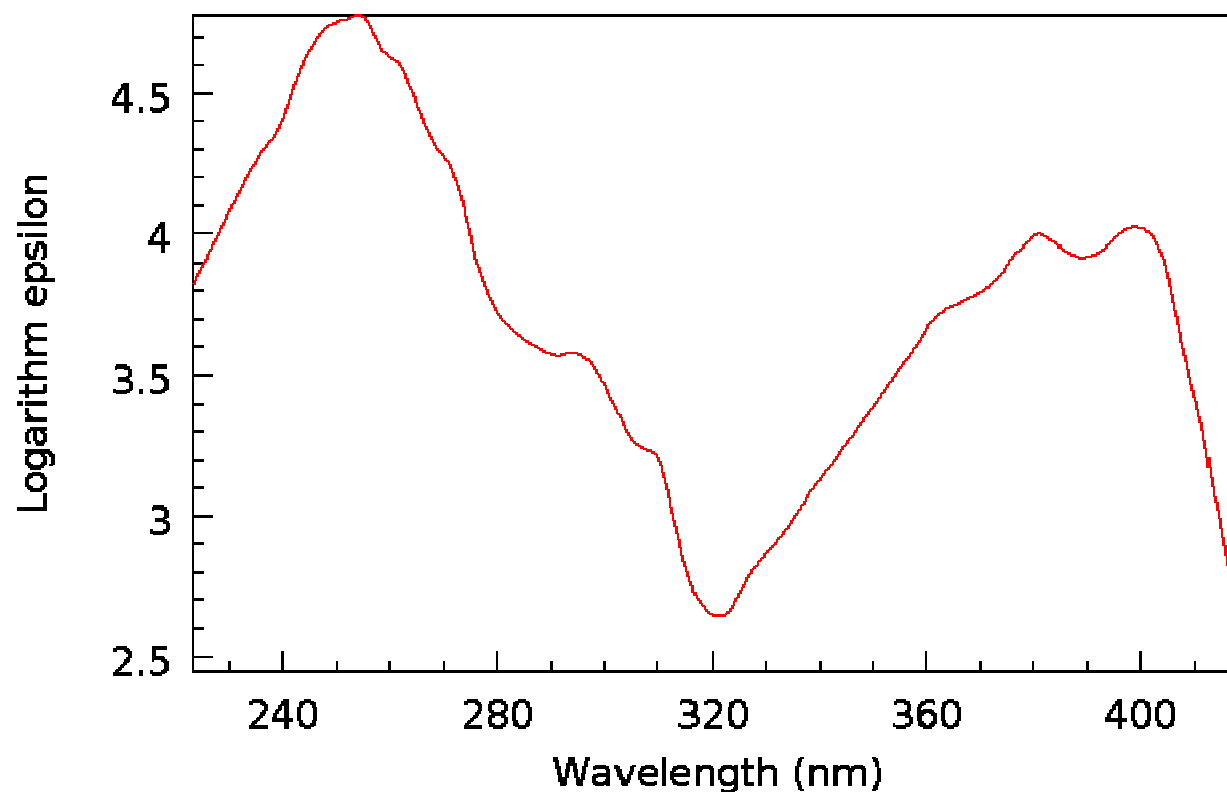


IR spectrum of 9(10H)- acridone in nujol mull.



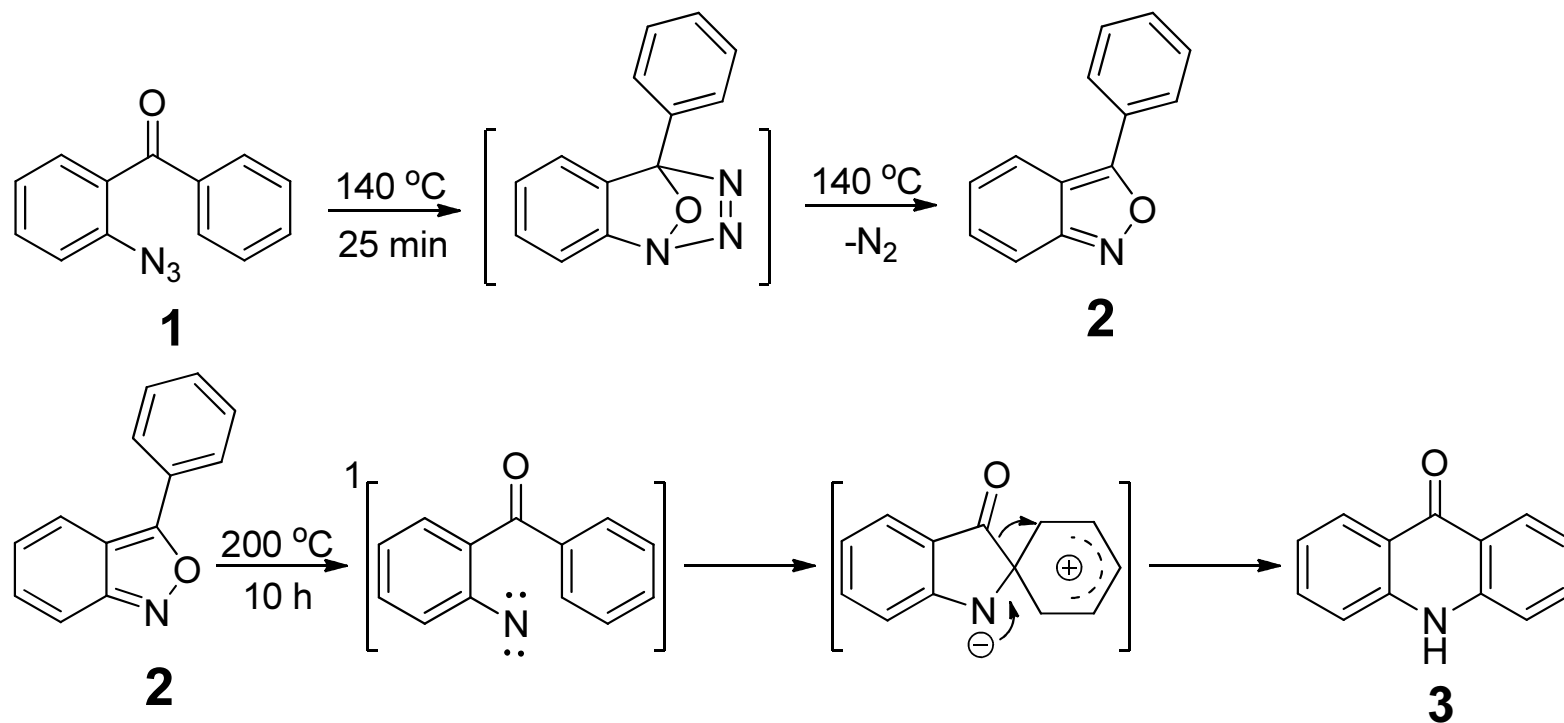
UV-Vis Absorption Spectrum of 9(10H)-acridone in ethanol

9,10-Dihydro-9-oxoacridine
UV/VIS SPECTRUM

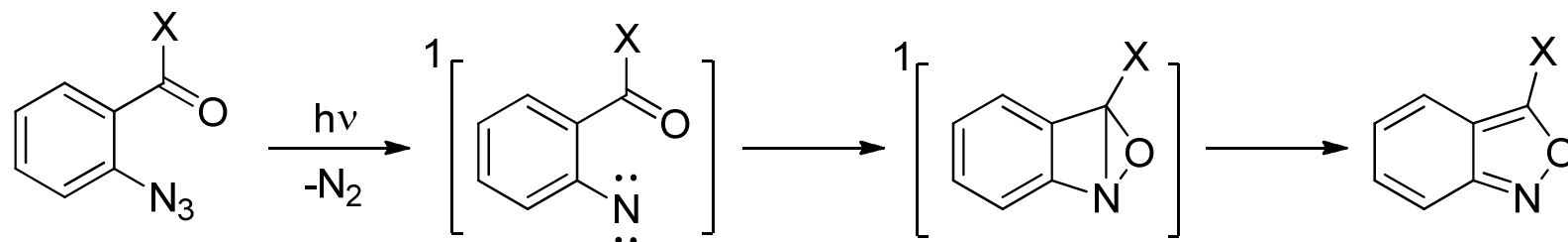


NIST Chemistry WebBook (<http://webbook.nist.gov/chemistry>)

The thermolysis of 2-azidobenzophenone

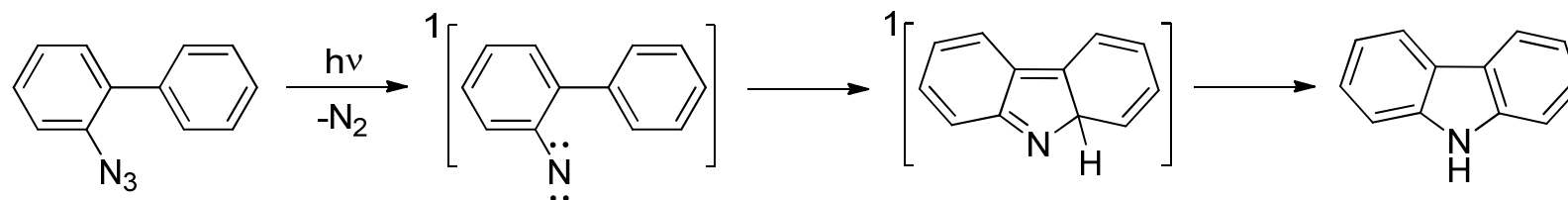


The photolysis of 2-azidobenzoic acid and its esters

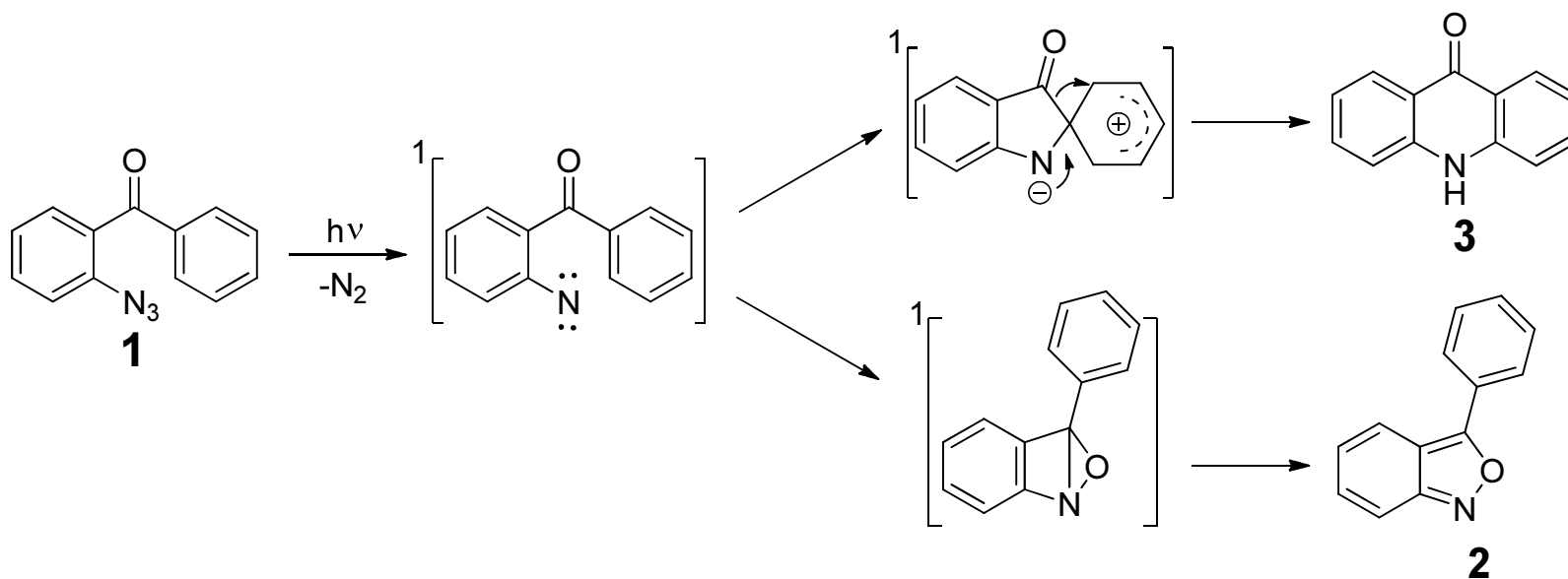


X = OH, OMe, OEt

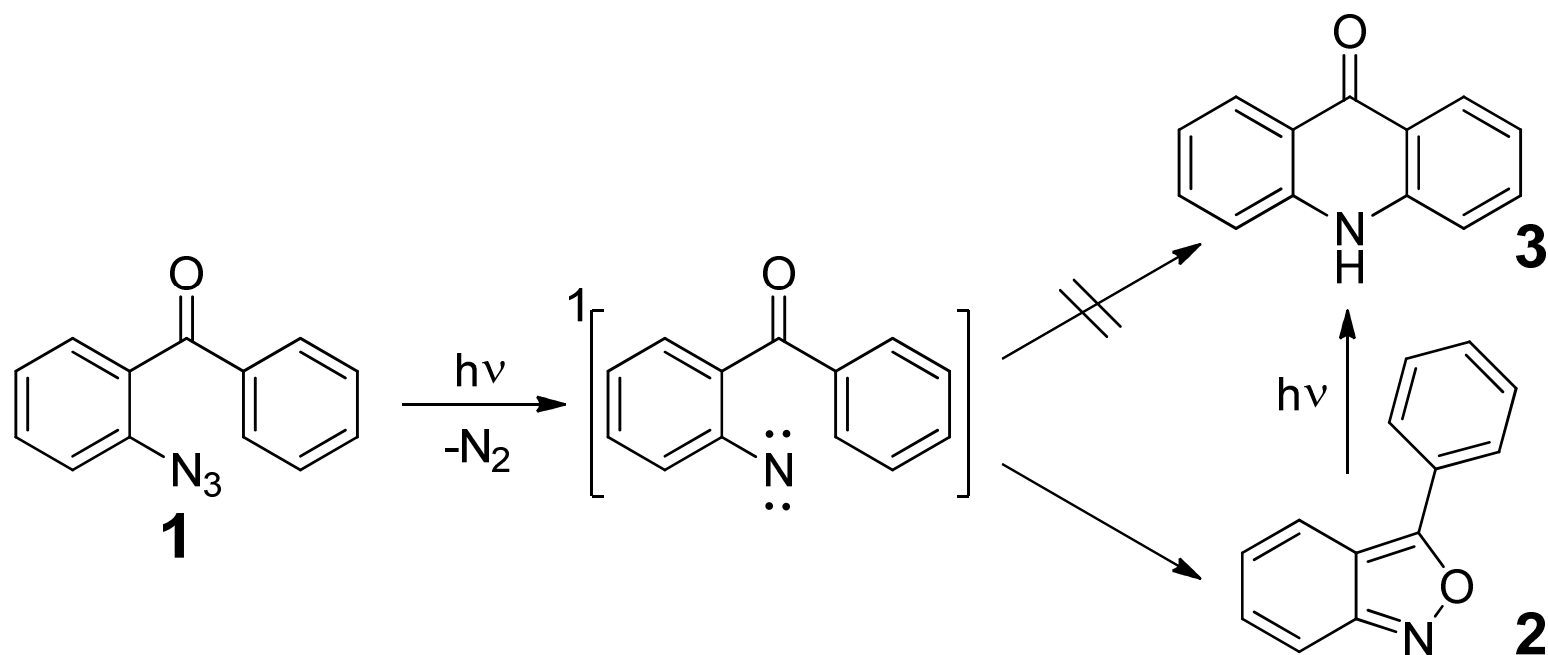
Photochemical formation of acridone



Assumed scheme of the photolysis of 2-azidobenzophenone



The singlet photolysis of 2-azidobenzophenone



The triplet photolysis of 2-azidobenzophenone

