

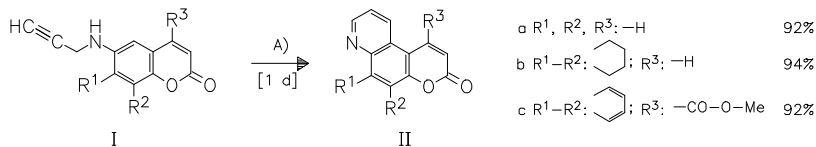
Fused pyridine derivatives

R 0450

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Synthesis of Quinolines and Fused Pyridocoumarins from N-Propargylanilines or Propargylaminocoumarins by Catalysis with Gold Nanoparticles Supported on TiO₂. — Intramolecular cyclization reactions of propargylaminocoumarins and propargylanilines in the presence of gold nanoparticles supported on TiO₂ or Al₂O₃ allow the synthesis of pyridocoumarins and quinolines, respectively. — (SYMEONIDIS, T. S.; LYKAKIS, I. N.; LITINAS*, K. E.; *Tetrahedron* 69 (2013) 23, 4612-4616, <http://dx.doi.org/10.1016/j.tet.2013.04.026>; Lab. Org. Chem., Dep. Chem., Aristotle Univ., GR-54006 Thessaloniki, Greece; Eng.) — Mais



A): Au (nanoparticles)-TiO₂ (cat.), DCE, 70°C

