

Fused pyridine derivatives

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**Photoinduced Selective Transformation of N-Acyl- $\alpha$ -dehydro(9-phenanthryl)alaninamides into their Cyclization Intermediates in a Polar Protic Solvent. —**

Irradiation of the (Z)-compounds (I) affords trans-dibenzoquinoline derivatives (II) in preference to the cis-isomers (III). Analysis of the substituent and solvent effects on the cyclization occurring from the excited-state ((E)-I) shows that the reactivity of this isomer is greatly influenced by the steric bulk of the alkyl group attached to the N'-amide nitrogen of the starting (I). — (KAWANISHI, Y.; YOSHIIE, H.; IGARASHI, T.;

SAKURAI\*, T.; Heterocycles 85 (2012) 5, 1053-1060,

<http://dx.doi.org/10.3987/com-12-12449>; Dep. Mater. Life Chem., Kanagawa Univ.,

Kanagawa, Yokohama 221, Japan; Eng.) — M. Paetzel

