

SUPPLEMENTARY MATERIALS

Asymmetric AZA-BODIPY with Optical Gain in the Near-Infrared Region

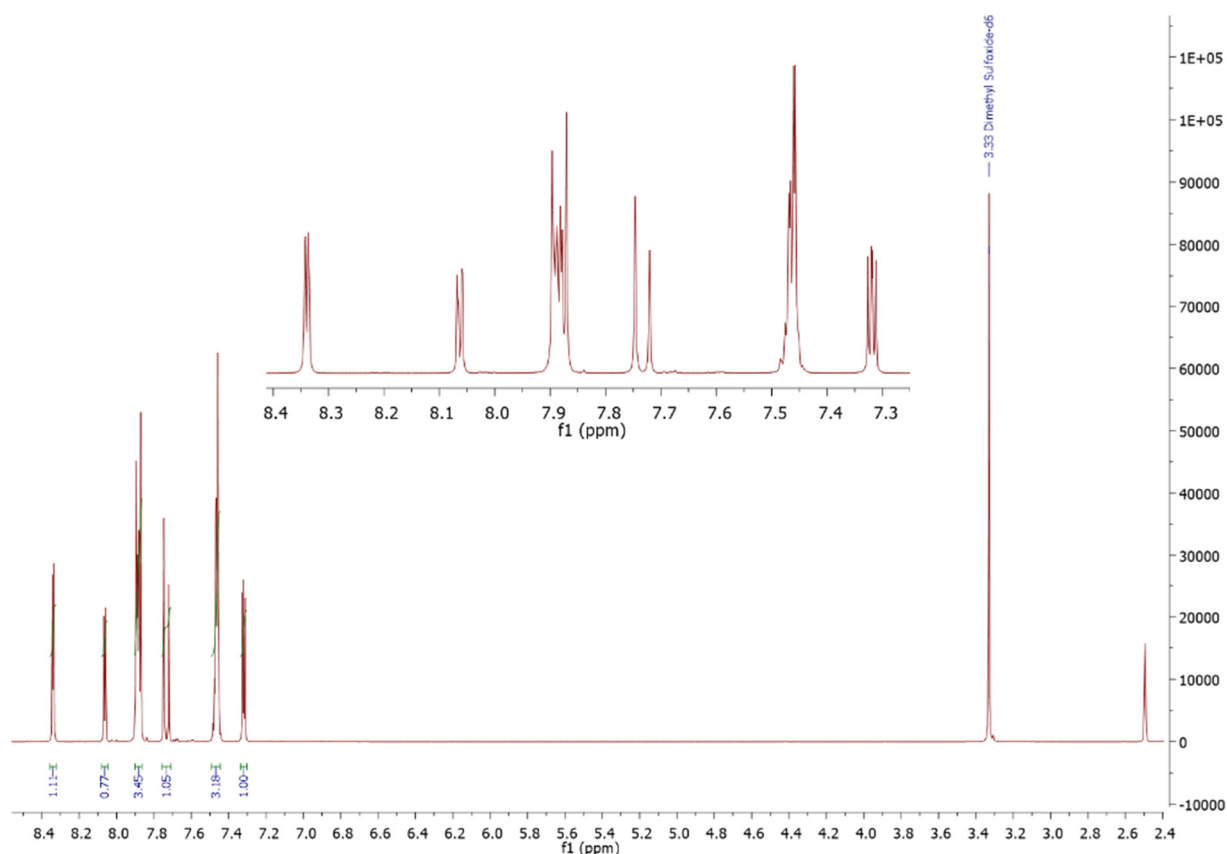
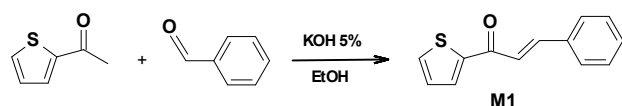
Tersilla Virgili ^{1,*}, Lucia Ganzer ¹, Chiara Botta ², Benedetta Maria Squeo ² and Mariacecilia Pasini ^{2,*}

¹ Institute for Photonics and Nanotechnologies (IFN), National Research Council-CNR, Piazza Leonardo da Vinci 32, 20133 Milan, Italy; lucia.ganzer@polimi.it

² Istituto di Scienza e Tecnologie Chimiche (SCITEC), National Research Council-CNR, Via Corti, 20133 Milan, Italy; chiara.botta@scitec.cnr.it (C.B.); benedetta.squeo@scitec.cnr.it (B.M.S.)

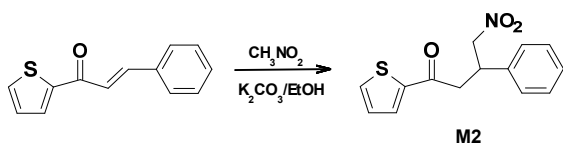
* Correspondence: tersilla.virgili@polimi.it (T.V.); mariacecilia.pasini@scitec.cnr.it (M.P.)

Scheme synthesis and ¹H-NMR of thienyl-3-phenylprop-2-en-1-one.

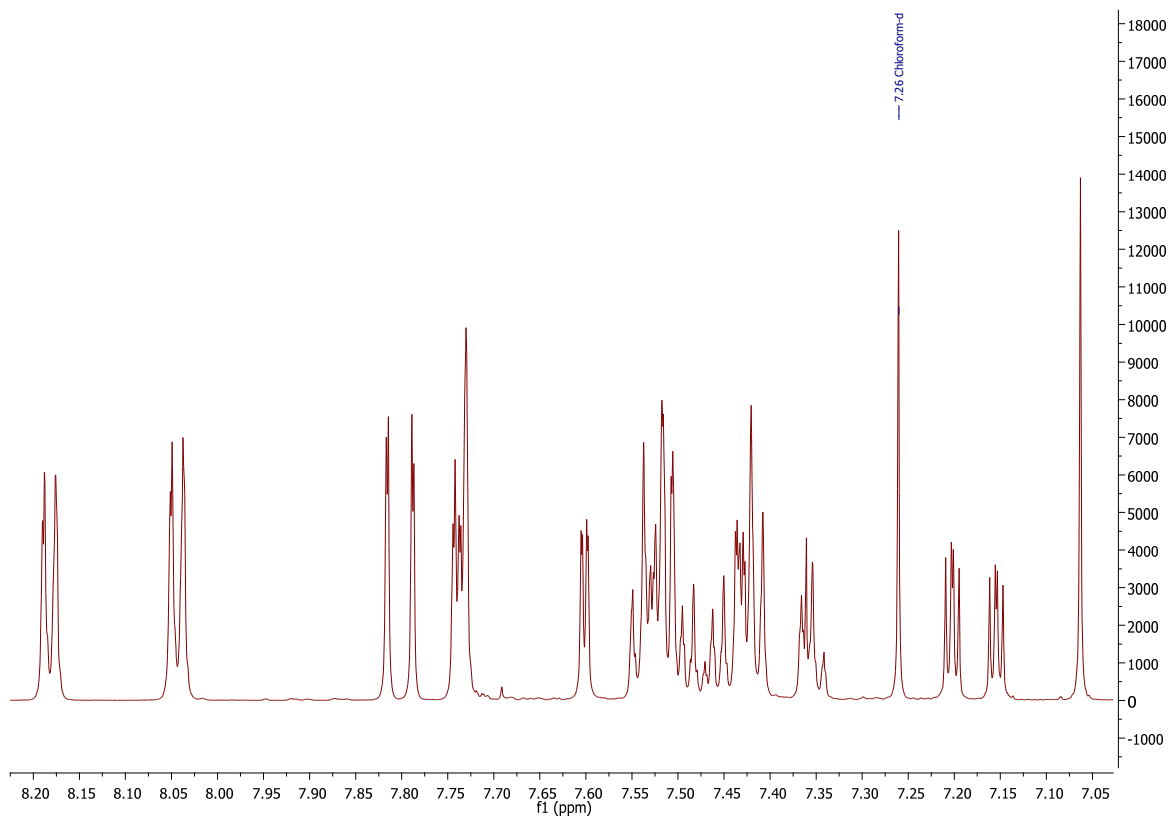
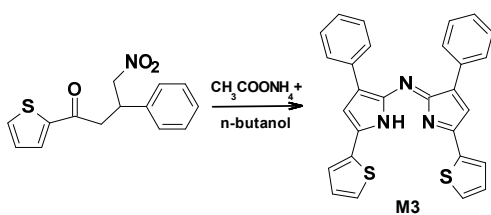


Scheme synthesis of Phenyl 4-Nitro-3-thienylbutan-1-one.

This reaction intermediate was used without further purification in the next reaction and NMR analysis was not performed.



Scheme synthesis and ^1H -NMR of Azadipyrromethene.



Scheme synthesis and ^1H -NMR of DTDPAB.

