

New Mithramycin Analogs Generated by Combinatorial Biosynthesis Show Improved Bioactivity

*Irfan Baig,¹ María Perez,² Alfredo F. Braña,[‡] Rohini Gomathinayagam,[&] Chendil
Damodaran,[&] Jose A. Salas,[‡] Carmen Méndez,^{‡*} and Jürgen Rohr^{†*}*

[†] Department of Pharmaceutical Sciences, College of Pharmacy, University of Kentucky,
725 Rose Street, Lexington, KY 40536-0082; [‡] Departamento de Biología Funcional e
Instituto Universitario de Oncología del Principado de Asturias (I.U.O.P.A.), Universidad
de Oviedo 33006, Spain; [&] Department of Clinical Sciences, College of Health Sciences,
University of Kentucky, 900 South Limestone Street, Lexington, KY 40536

Supporting Information

¹ University of Kentucky, Department of Pharmaceutical Sciences

² Universidad de Oviedo

[&] University of Kentucky, Department of Clinical Sciences

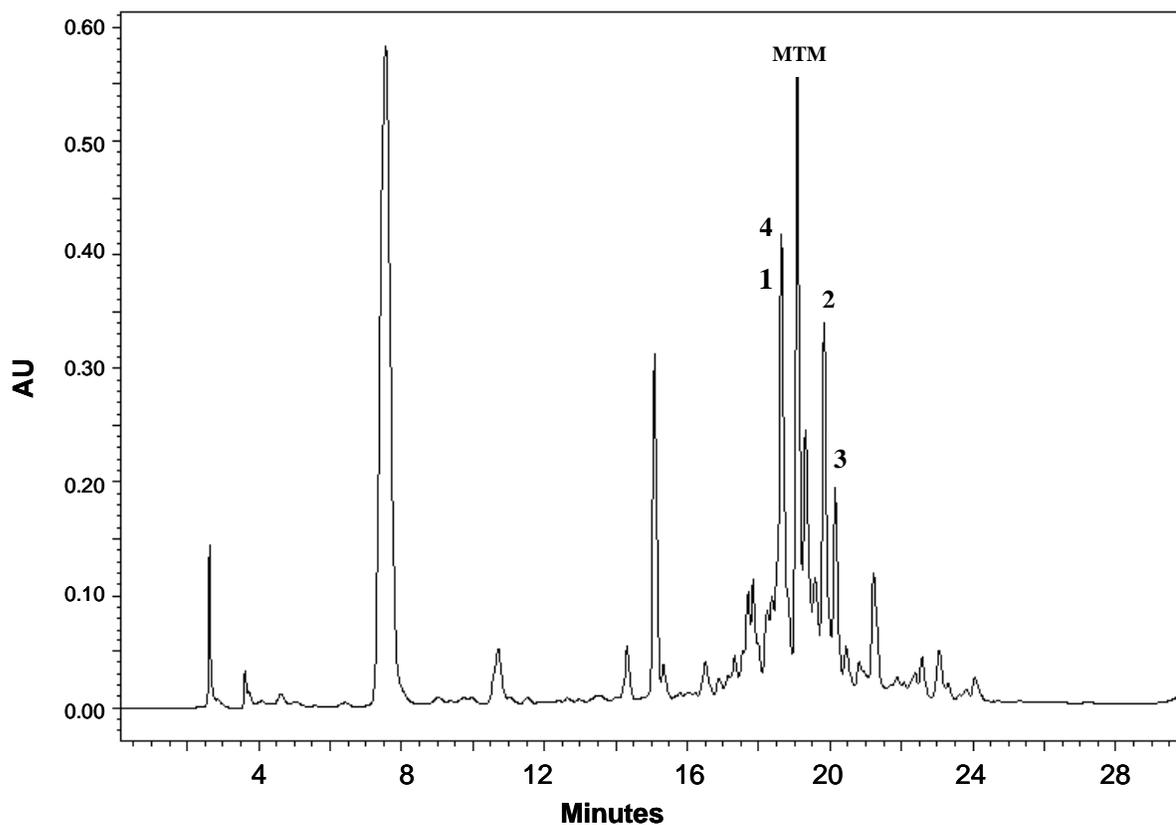


Figure 1 (Supporting Information):

HPLC-diagram of EtOAc extracts of cultures of *S. argillaceus* (pLNBIIV). Demycarosyl-3D- β -D-digitoxosyl-MTM (**1**); deoliosyl-3C- α -L-digitoxosyl-MTM (**2**); deoliosyl-3C- β -D-mycarosyl-MTM (**3**); 3A-deolivosyl-MTM (**4**); mithramycin (**MTM**)

