

Antisense-guided Isolation and Structure Elucidation of
Pannomycin, a Substituted *cis*-Decalin from
Geomyces pannorum

Craig A. Parish,^{†*} Mercedes de la Cruz,[‡] Scott K. Smith,[†] Deborah Zink,[†] Jenny Baxter,[†]
Samantha Tucker-Samaras,^{†,§} Javier Collado,[‡] Gonzalo Platas,[‡] Gerald Bills,[‡]
Maria Teresa Díez,[‡] Francisca Vicente,[‡] Fernando Peláez,[‡] and Kenneth Wilson[†]

Merck Research Laboratories, Rahway NJ 07065, and
CIBE, Merck, Sharp & Dohme de España, S. A. Josefa Valcárcel, Madrid, SPAIN

*To whom correspondence should be addressed.

E-mail: craig_parish@merck.com

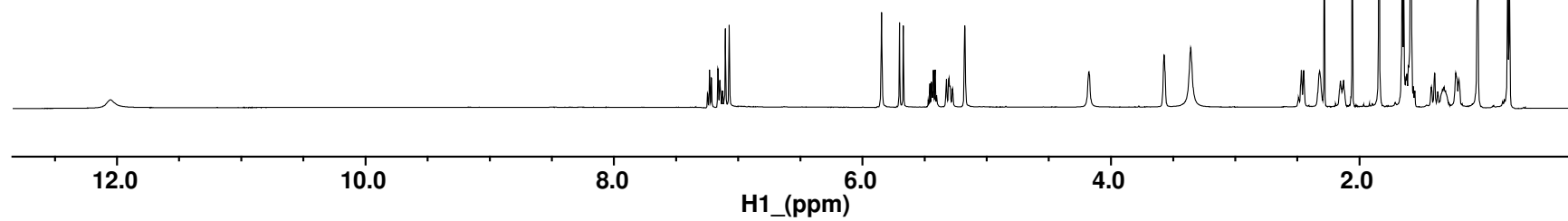
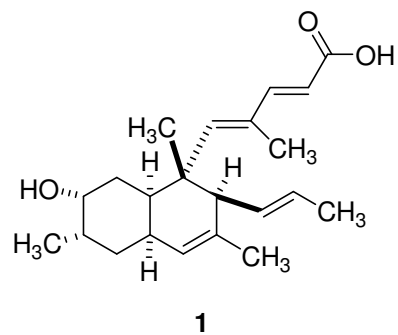
Tel: 732-594-7527. Fax: 732-594-6880.

[†]Merck Research Laboratories

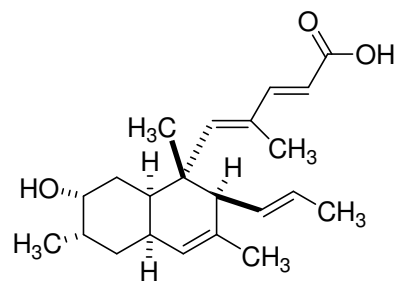
[‡]CIBE

[§]Present address: Johnson & Johnson, New Brunswick, NJ

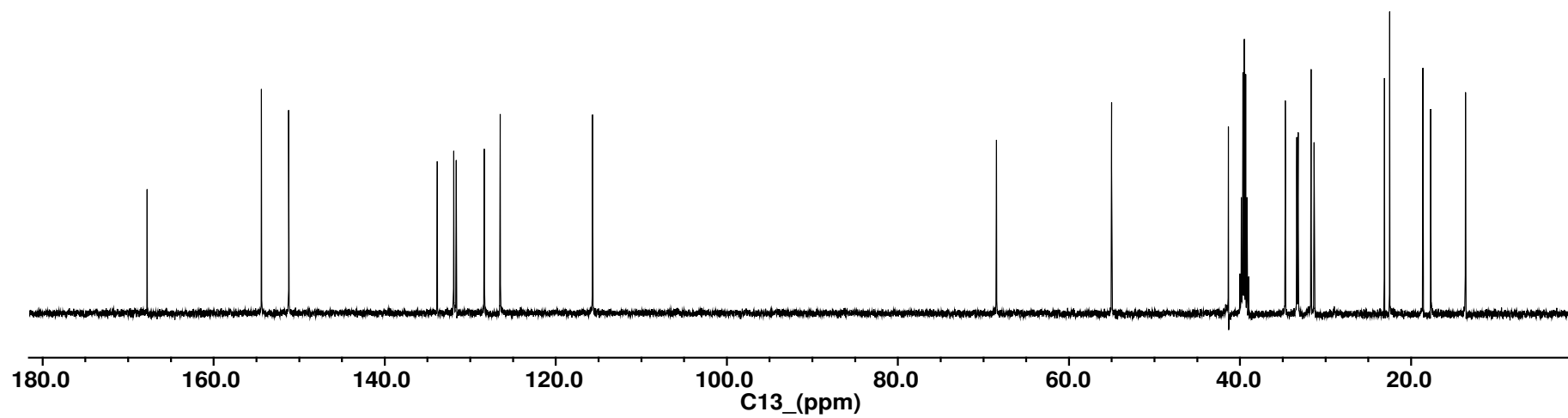
^1H NMR (500 MHz, DMSO- d_6)



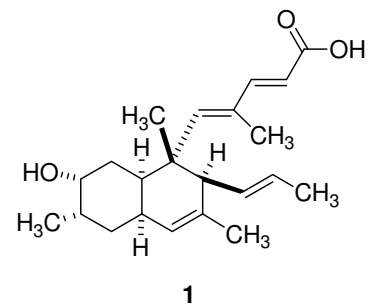
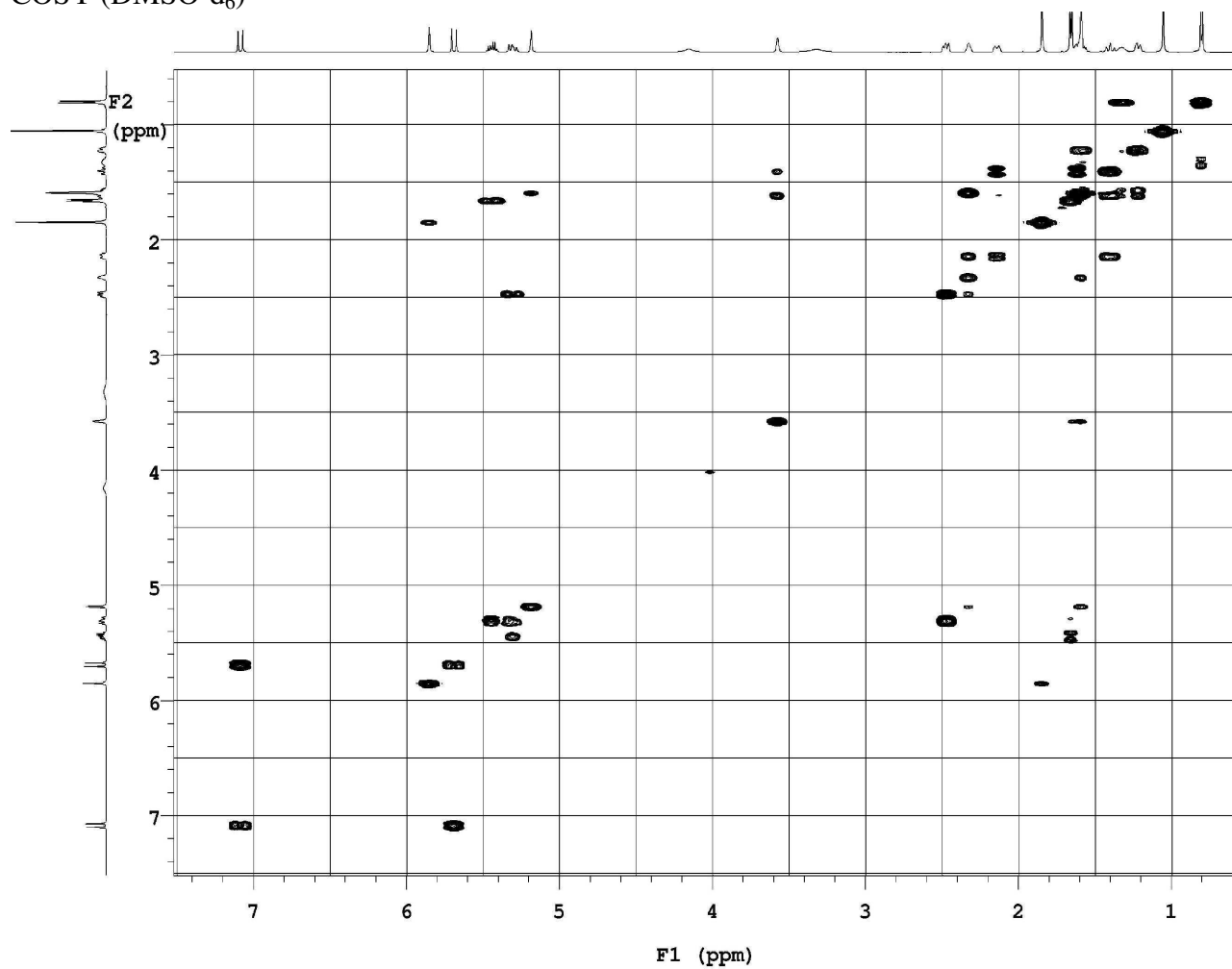
^{13}C NMR (125 MHz, DMSO- d_6)



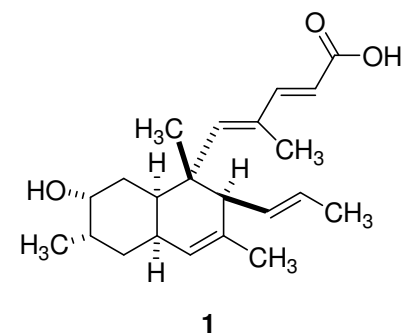
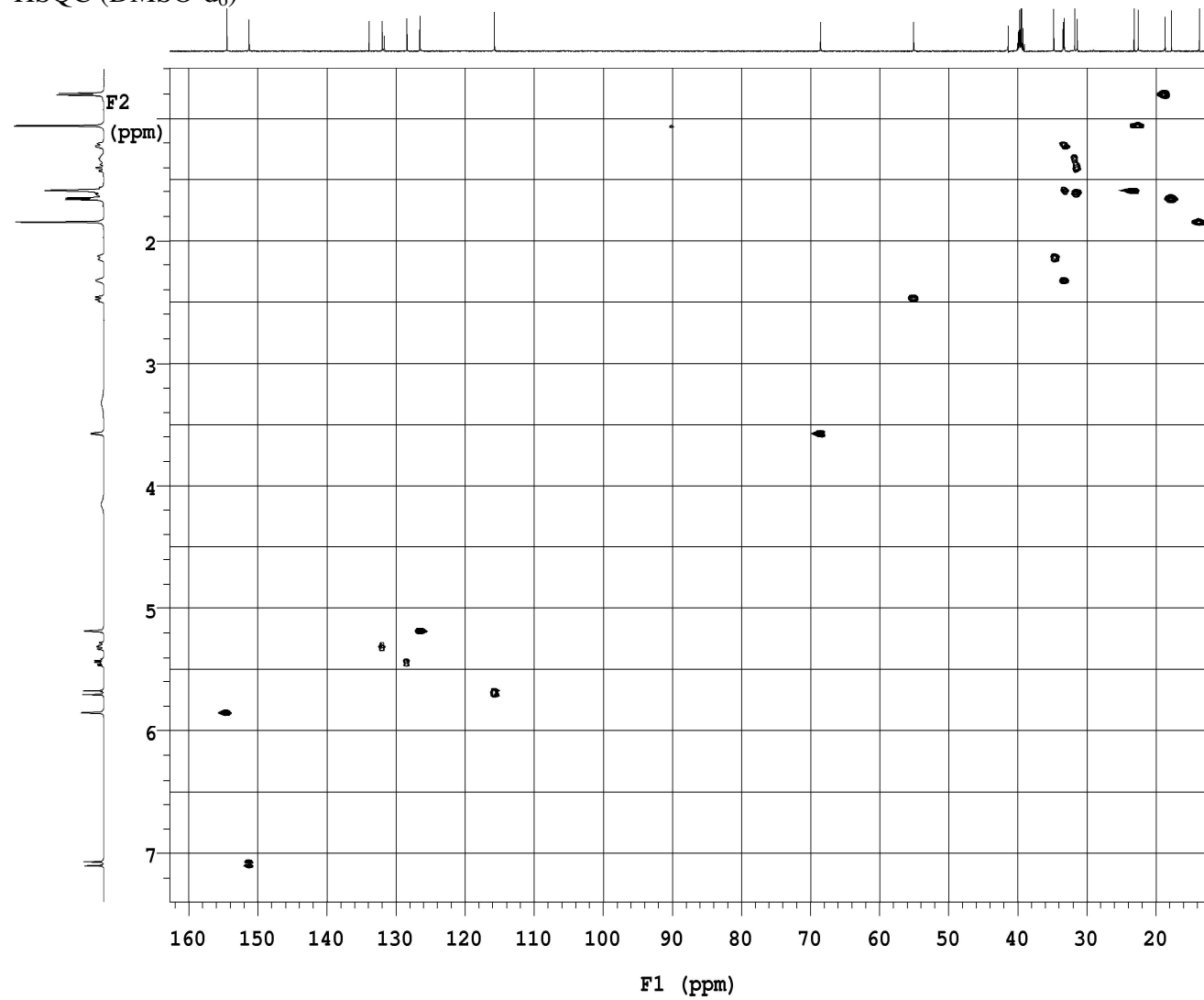
1



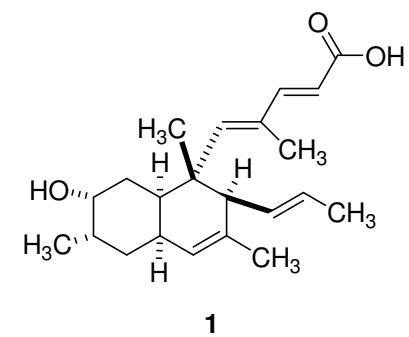
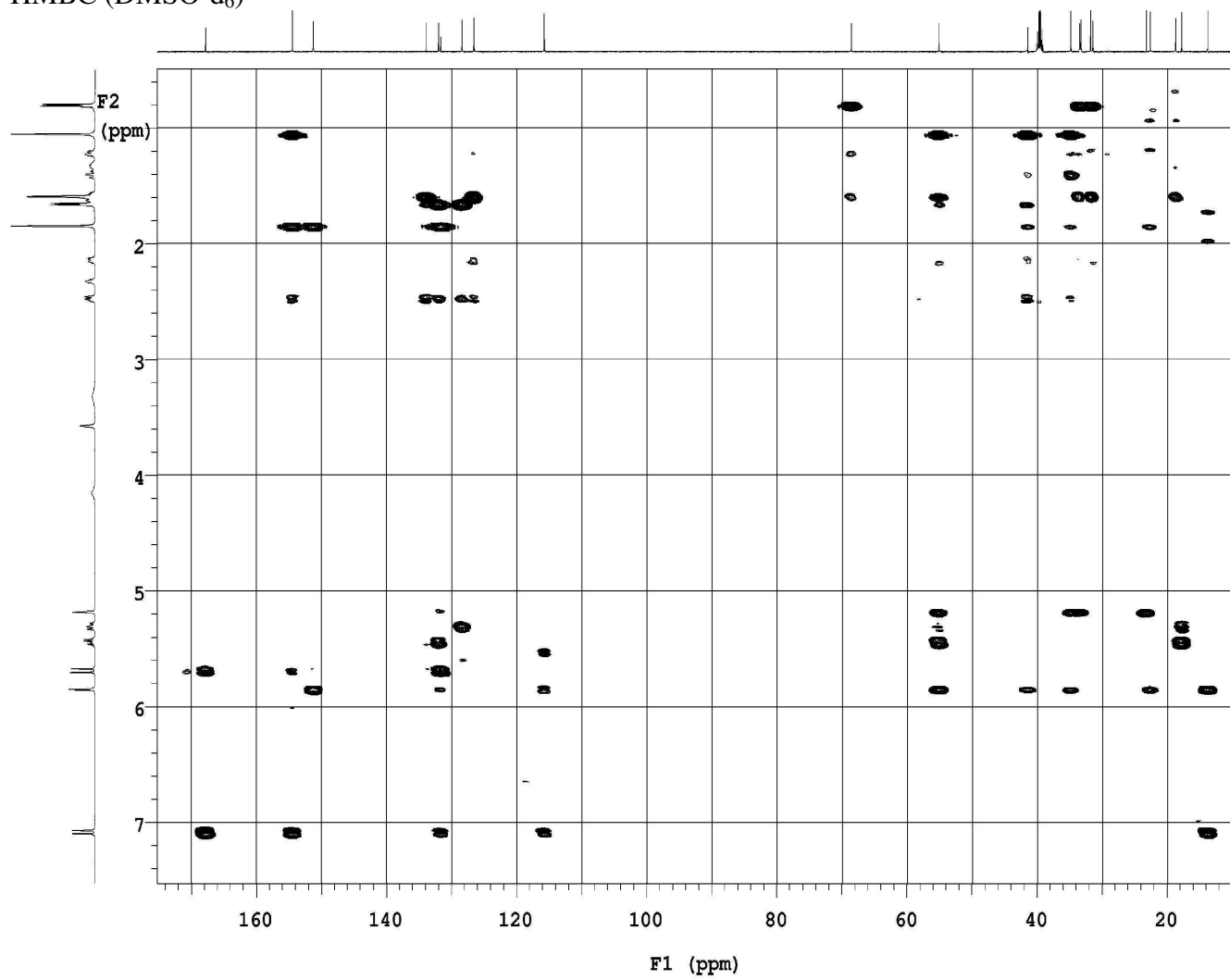
COSY (DMSO-d₆)



HSQC (DMSO-d₆)



HMBC (DMSO-d₆)



ROESY (DMSO-d₆)

