

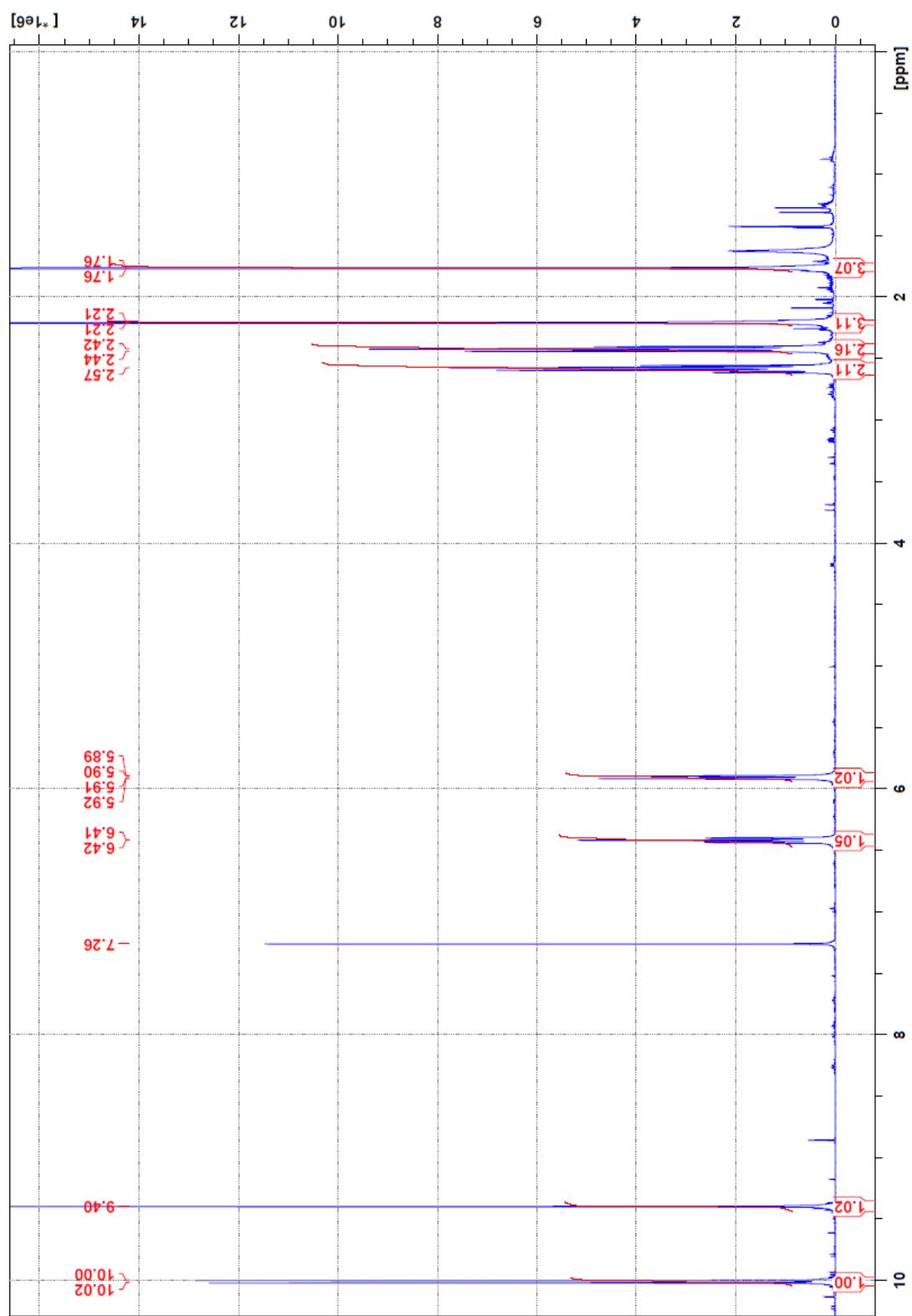
Supplementary materials and methods for:

**Identification of iridoid synthases from *Nepeta* species:
Iridoid cyclization does not determine nepetalactone stereochemistry**

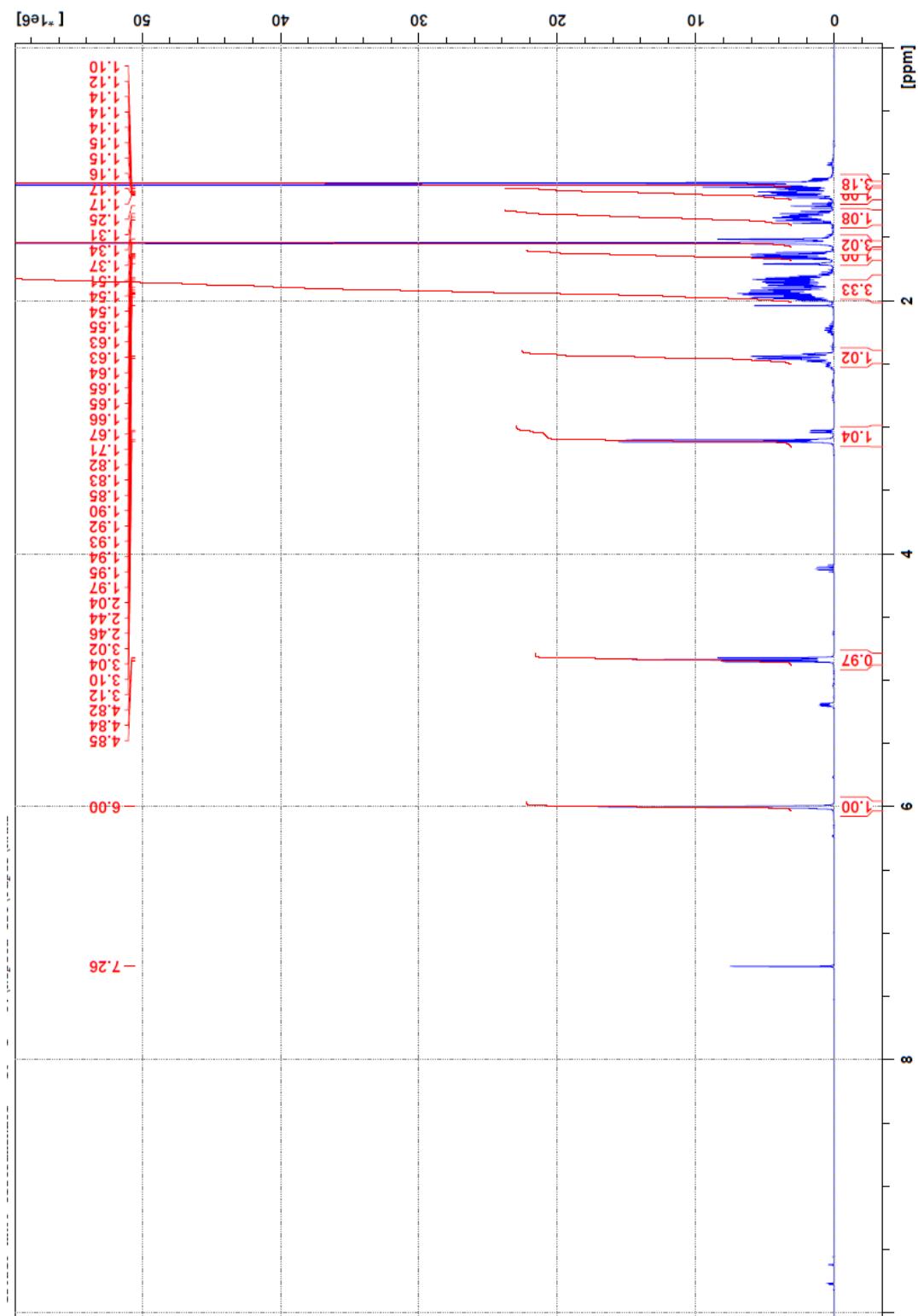
Nathaniel H. Sherden¹, Benjamin Lichman¹, Lorenzo Caputi¹, Dongyan Zhao², Mohamed O. Kamileen¹, C. Robin Buell², Sarah E. O'Connor^{1*}

Supplementary Figure. ¹H NMR spectra

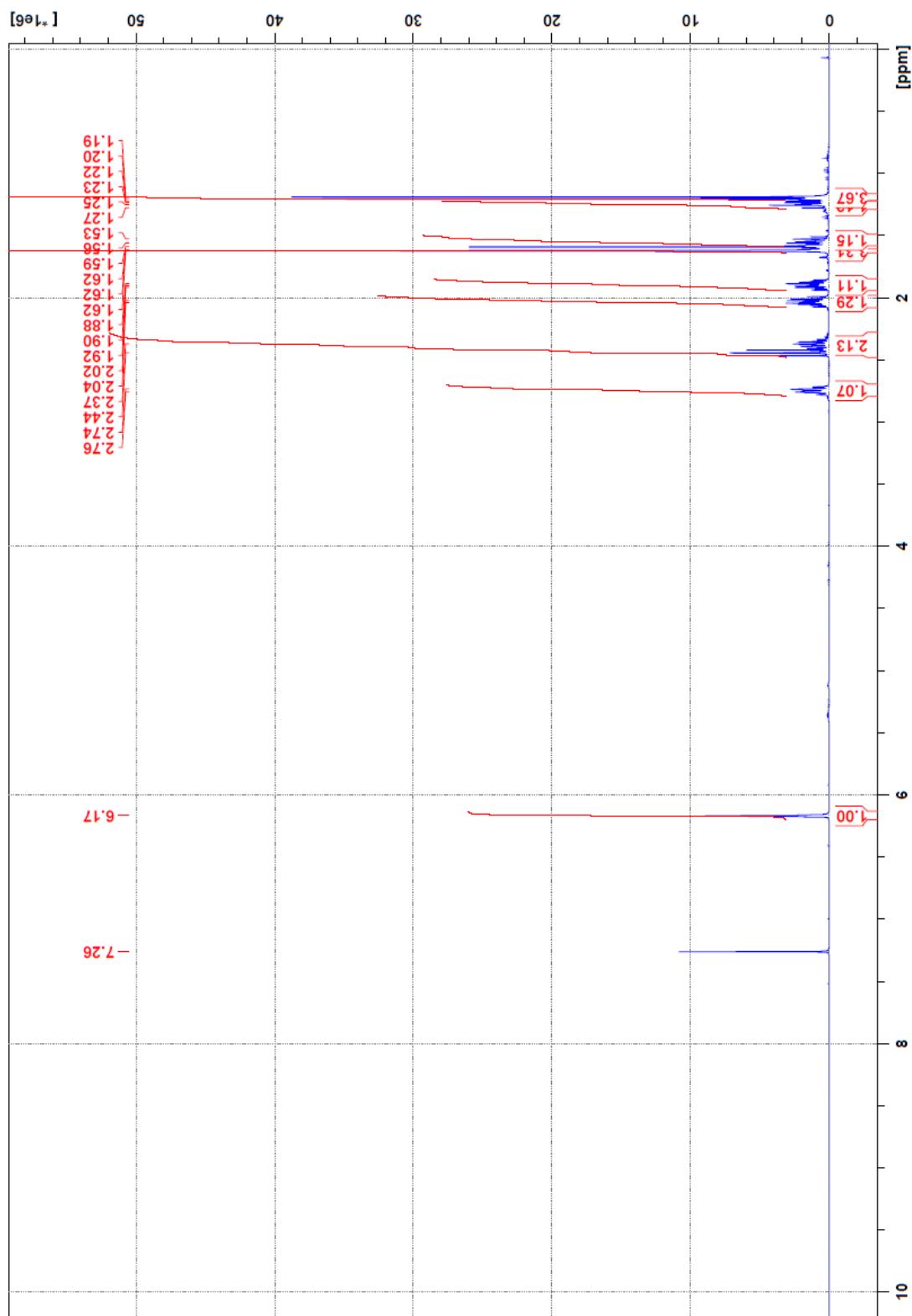
8-oxogeranial



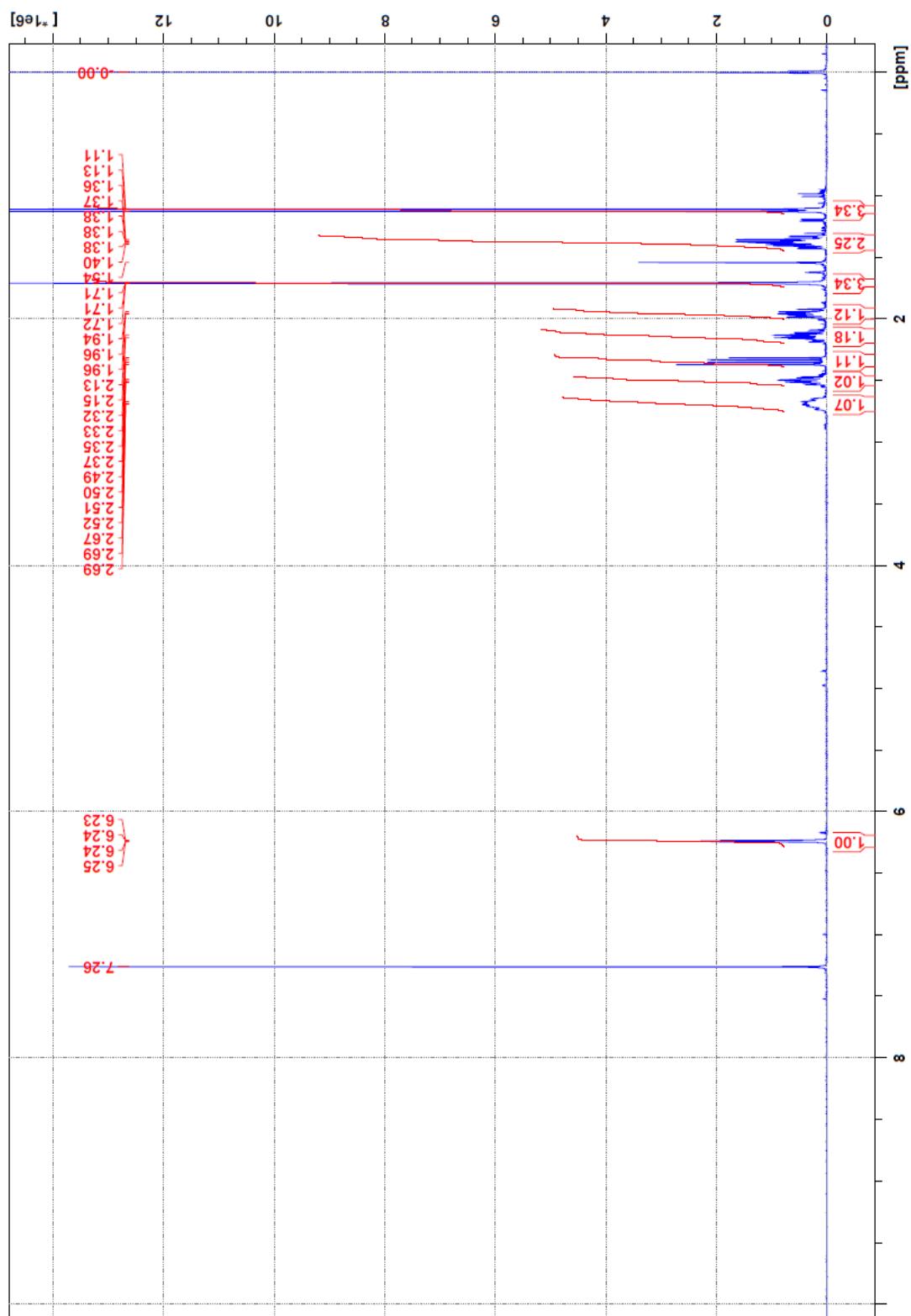
Cis-trans-nepetalactol



Cis-trans-nepetalactone



Trans-cis-nepetalactone



Trans-cis-iridodial 1H

