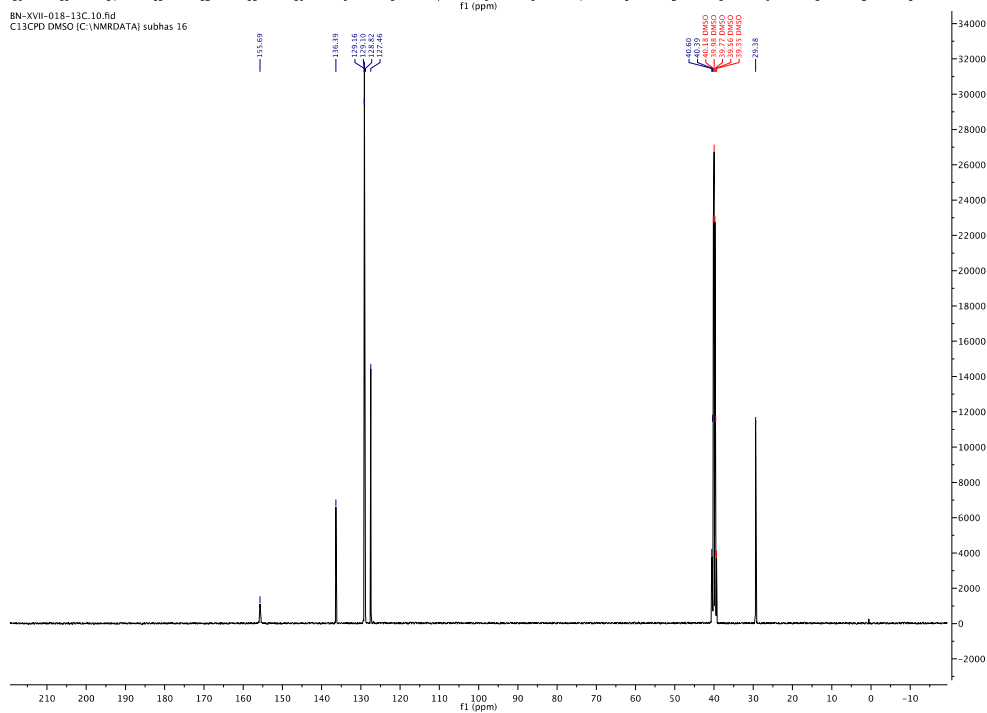
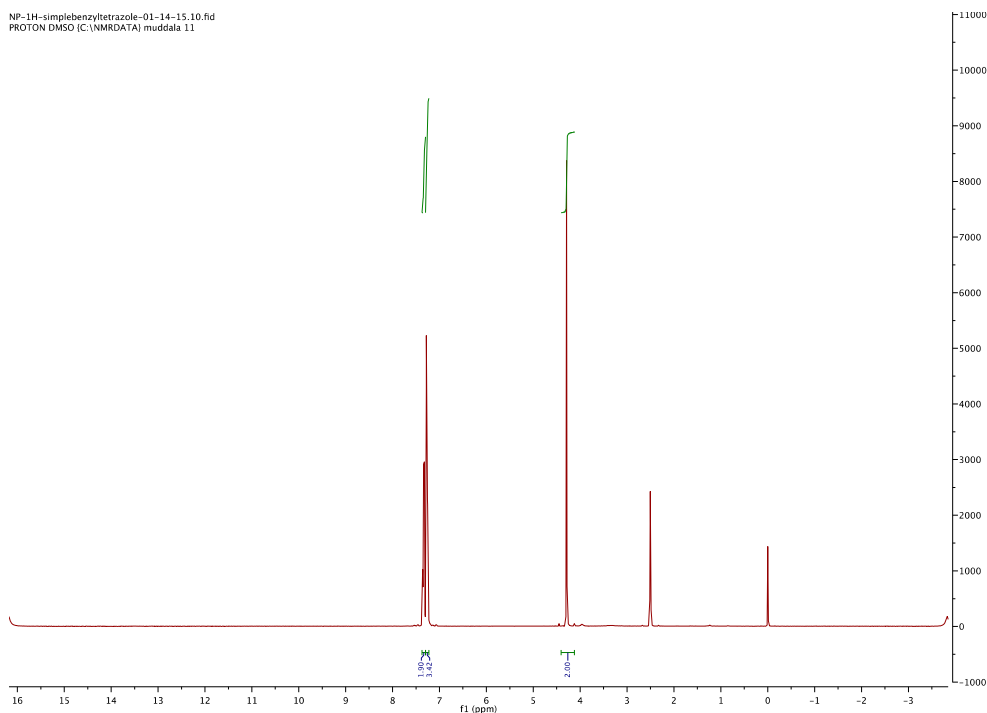


# Supplementary Materials: OSU-6: A Highly Efficient, Metal-Free, Heterogeneous Catalyst for the Click Synthesis of 5-Benzyl and 5-Aryl-1*H*-tetrazoles

Baskar Nammalwar, Nagendra Prasad Muddala, Rajasekar Pitchimani and Richard A. Bunce

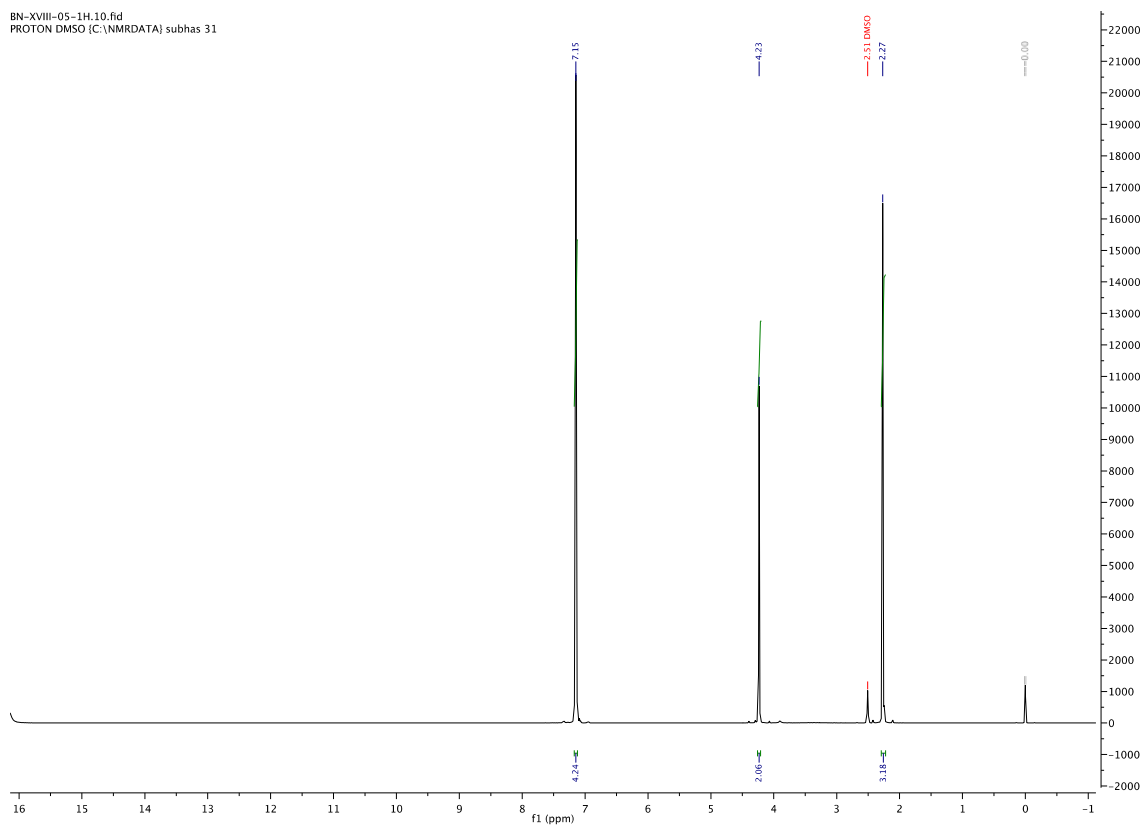
## 5-Benzyl-1*H*-tetrazole (2a)

NP-1H-simplebenzyltetrazole-01-14-15.10.fid  
PROTON DMSO (C:\NMRDATA\ muddala 11

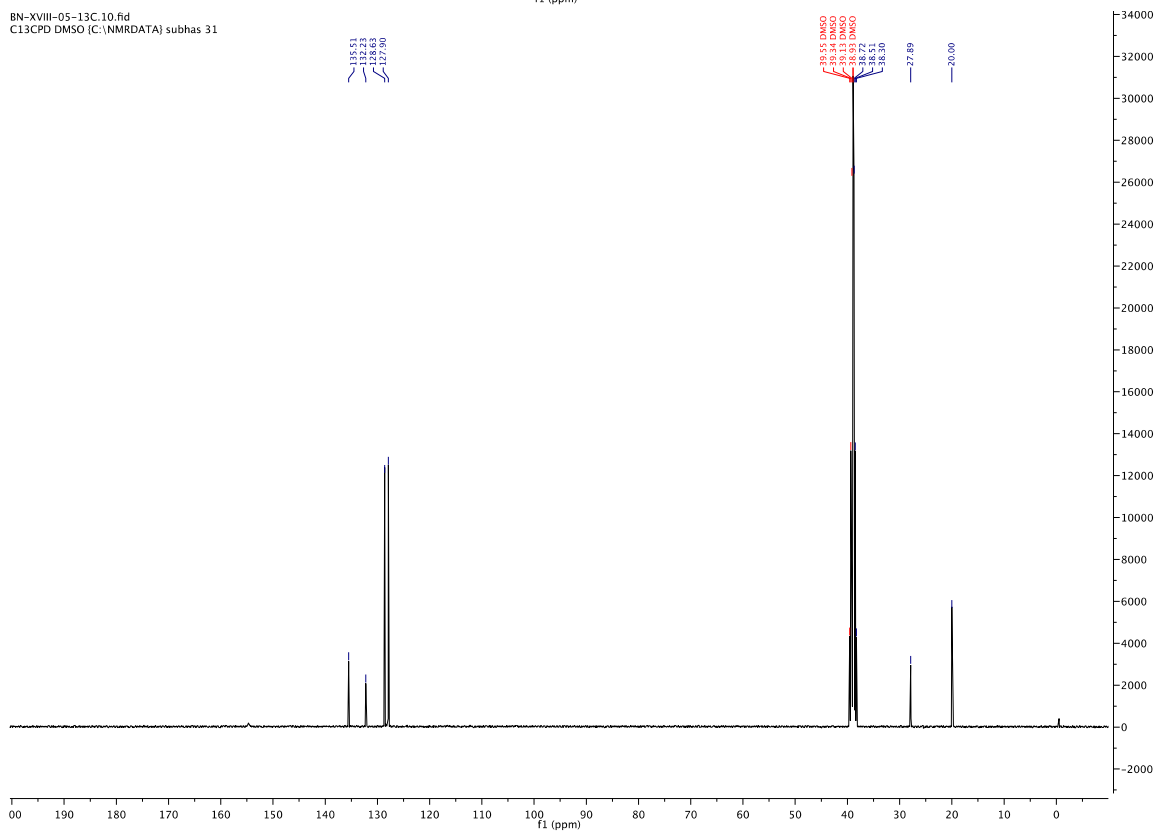


# 5-(4-Methylbenzyl)-1H-tetrazole (2b)

BN-XVIII-05-1H.10.fid  
PROTON DMSO (C:\NMRDATA) subhas 31

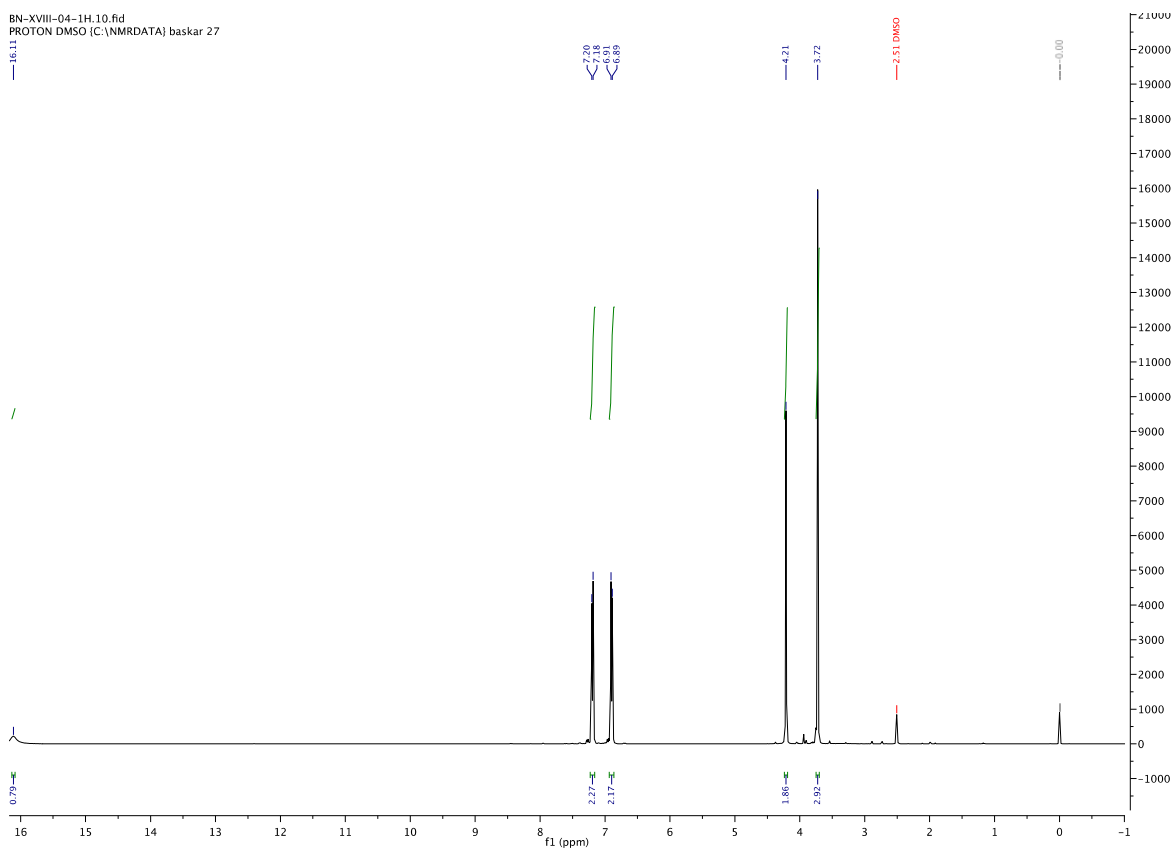


BN-XVIII-05-13C.10.fid  
C13CPD DMSO (C:\NMRDATA) subhas 31

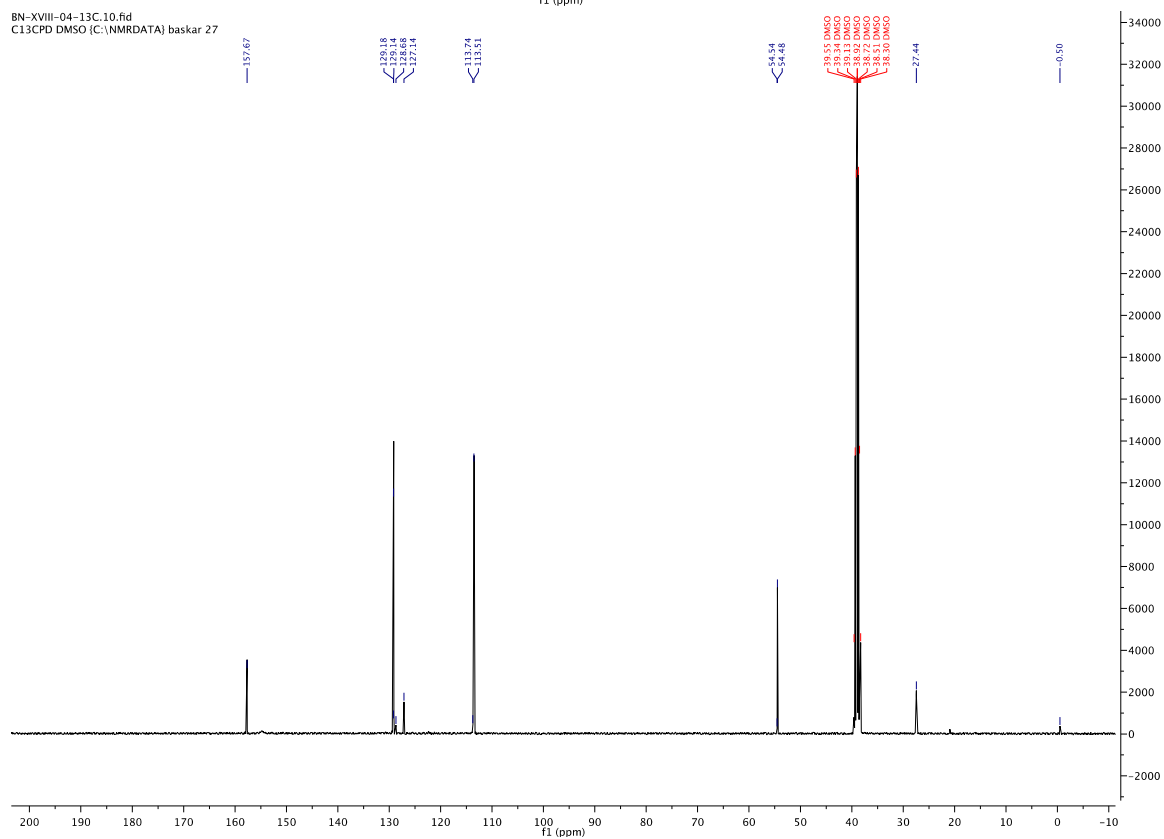


# 5-(4-Methoxybenzyl)-1H-tetrazole (2c)

BN-XVIII-04-1H.10.fid  
PROTON DMSO (C:\NMRDATA) baskar 27

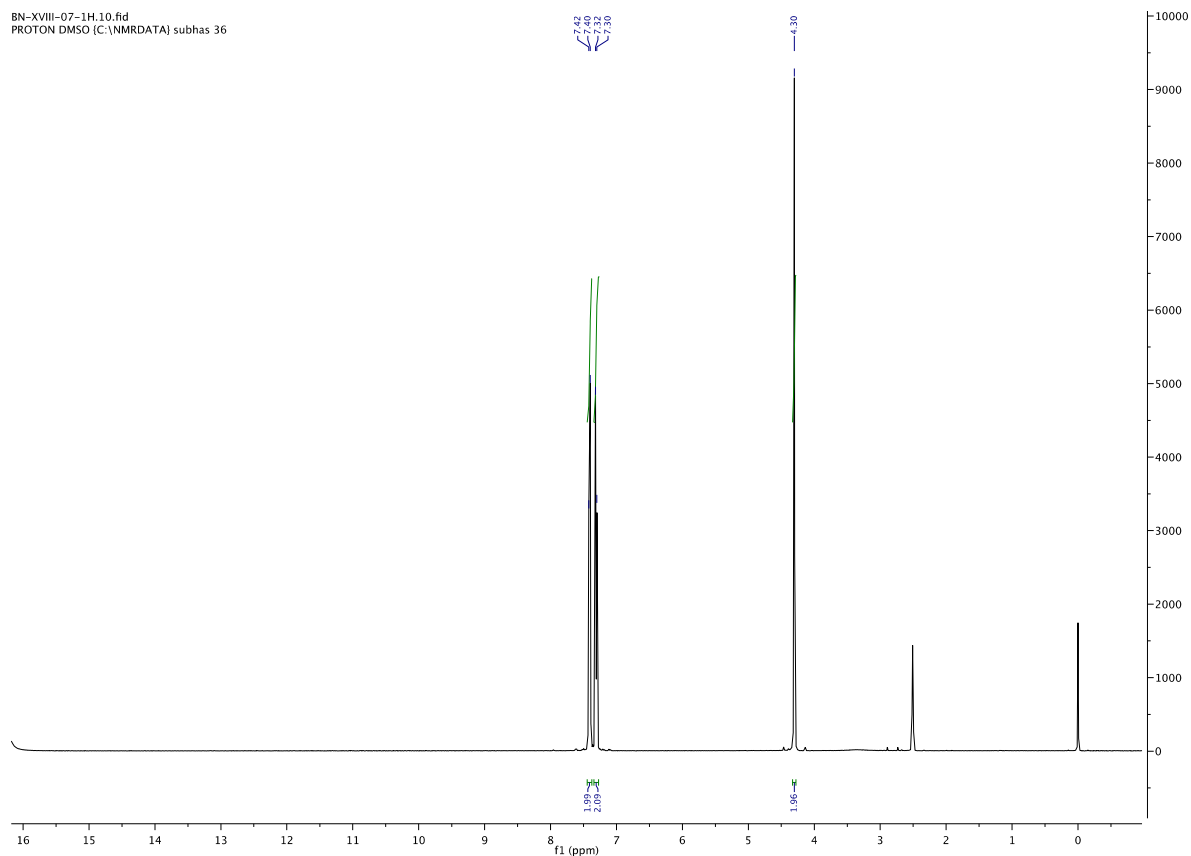


BN-XVIII-04-13C.10.fid  
C13CPD DMSO (C:\NMRDATA) baskar 27

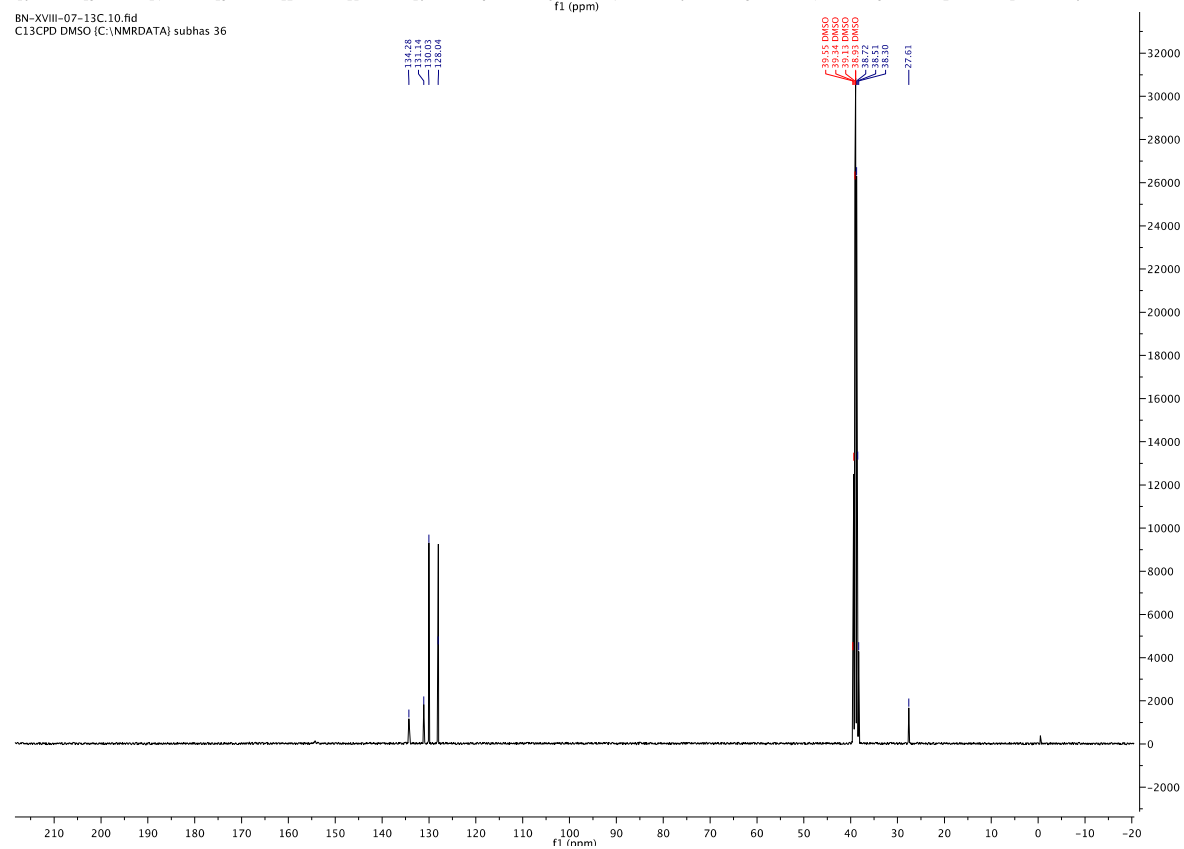


# 5-(4-Chlorobenzyl)-1H-tetrazole (2d)

BN-XVIII-07-1H.10.fid  
PROTON DMSO (C:\NMRDATA) subhas 36

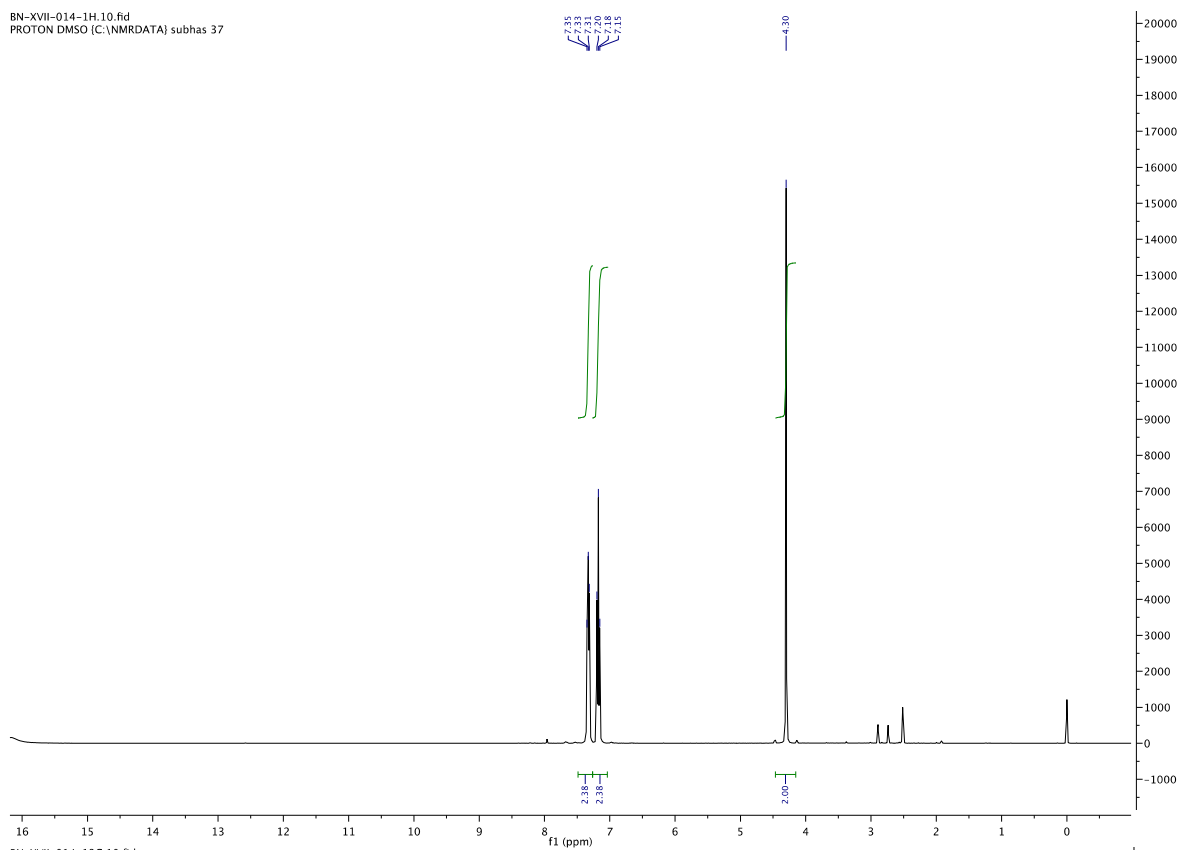


BN-XVIII-07-13C.10.fid  
C13CPD DMSO (C:\NMRDATA) subhas 36

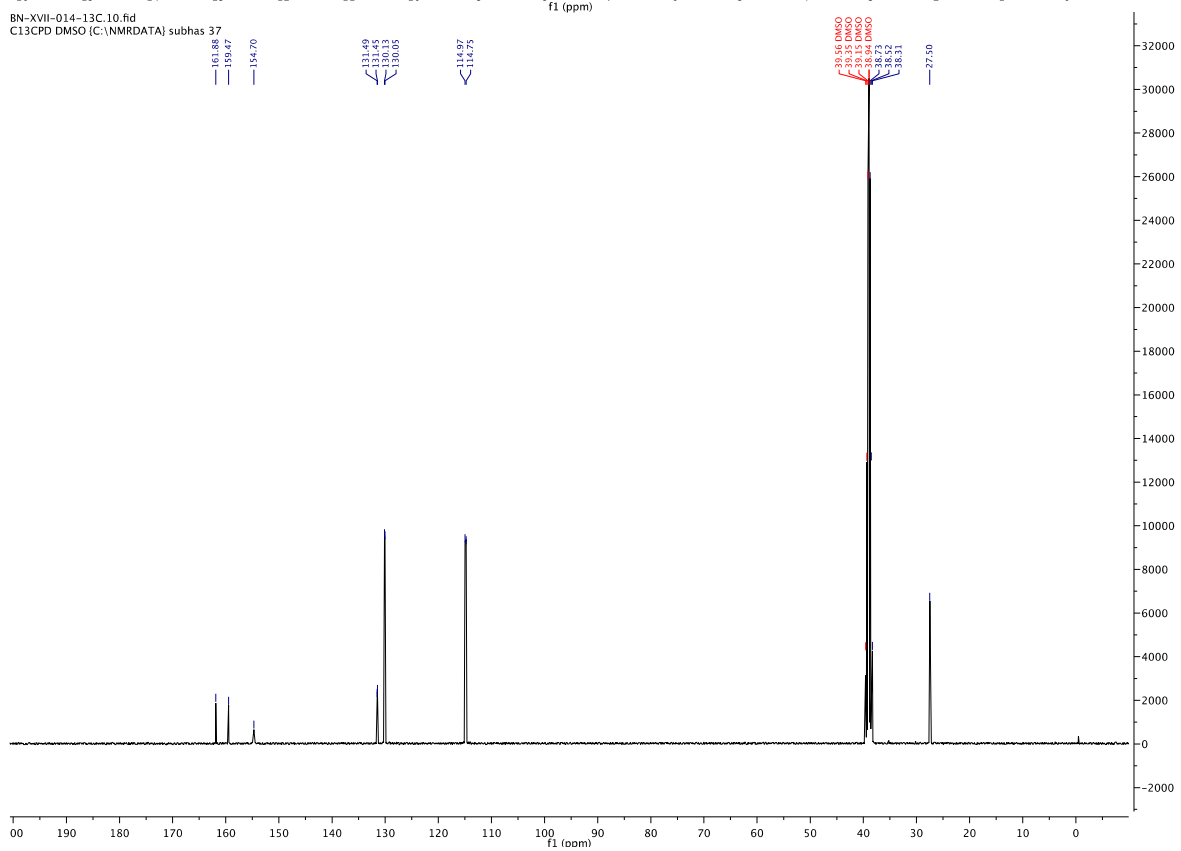


# 5-(4-Fluorobenzyl)-1H-tetrazole (2e)

BN-XVII-014-1H.10.fid  
PROTON DMSO (C:\NMRDATA) subhas 37

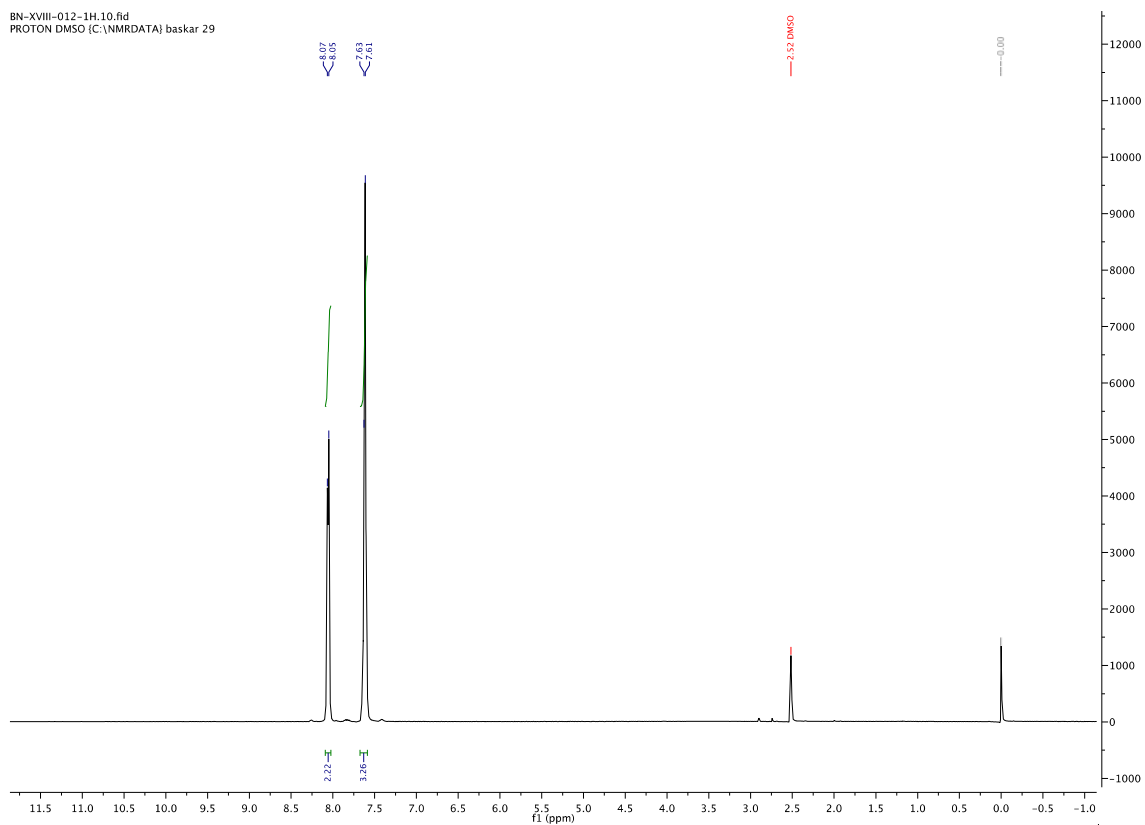


BN-XVII-014-13C.10.fid  
C13CPD DMSO (C:\NMRDATA) subhas 37

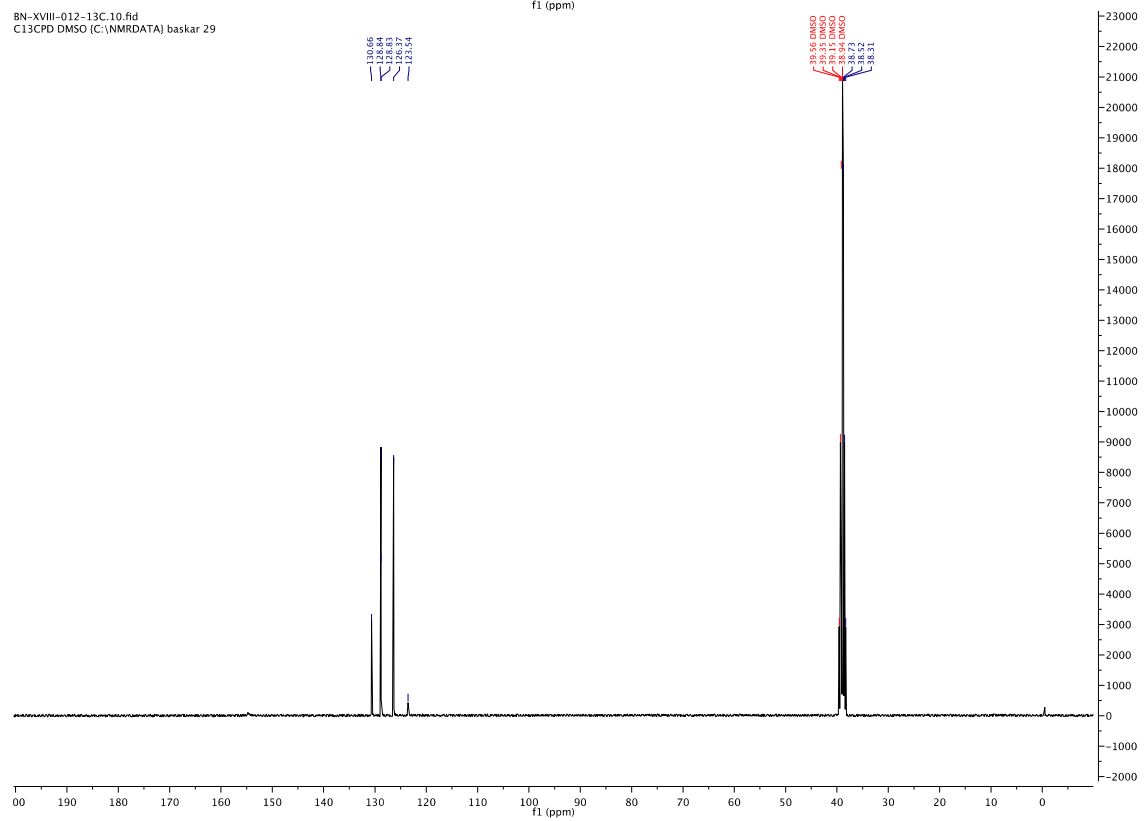


# 5-Phenyl-1H-tetrazole (2f)

BN-XVIII-012-1H.10.fid  
PROTON DMSO (C:\NMRDATA) baskar.29

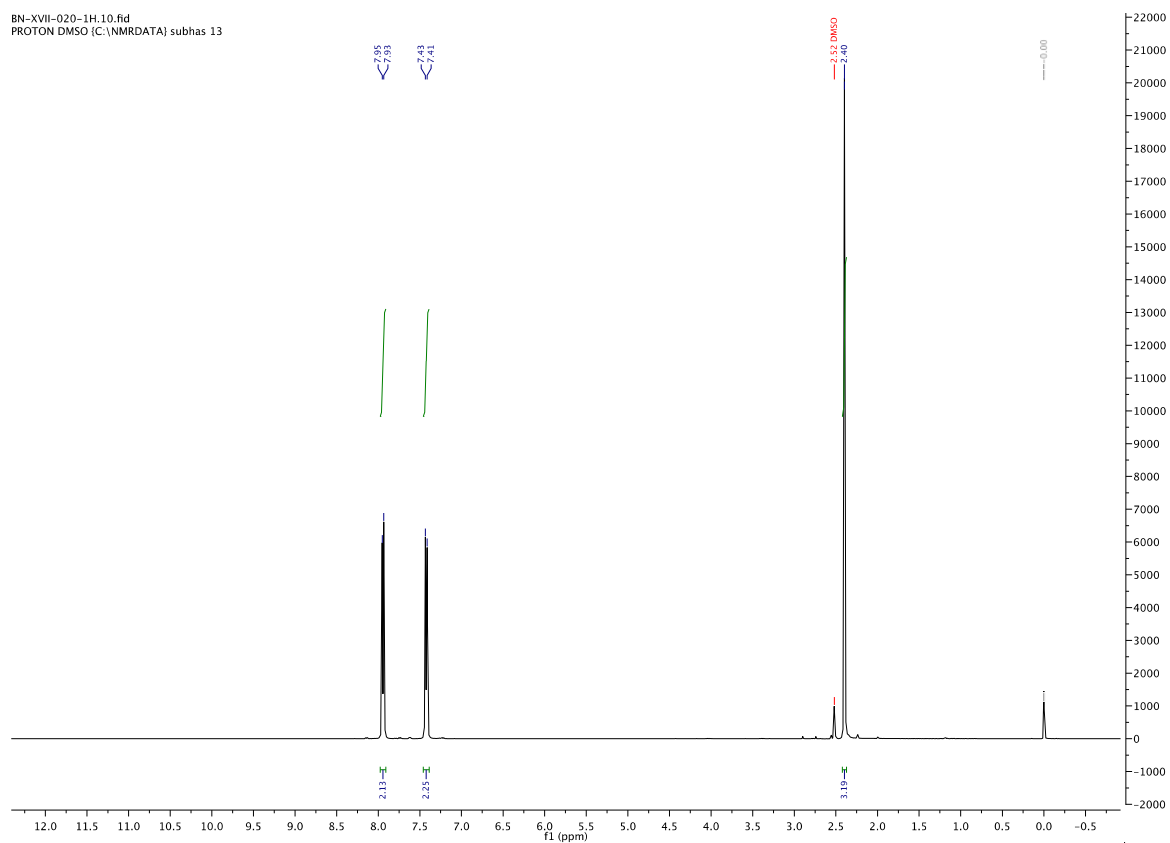


BN-XVIII-012-13C.10.fid  
C13CPD DMSO (C:\NMRDATA) baskar.29

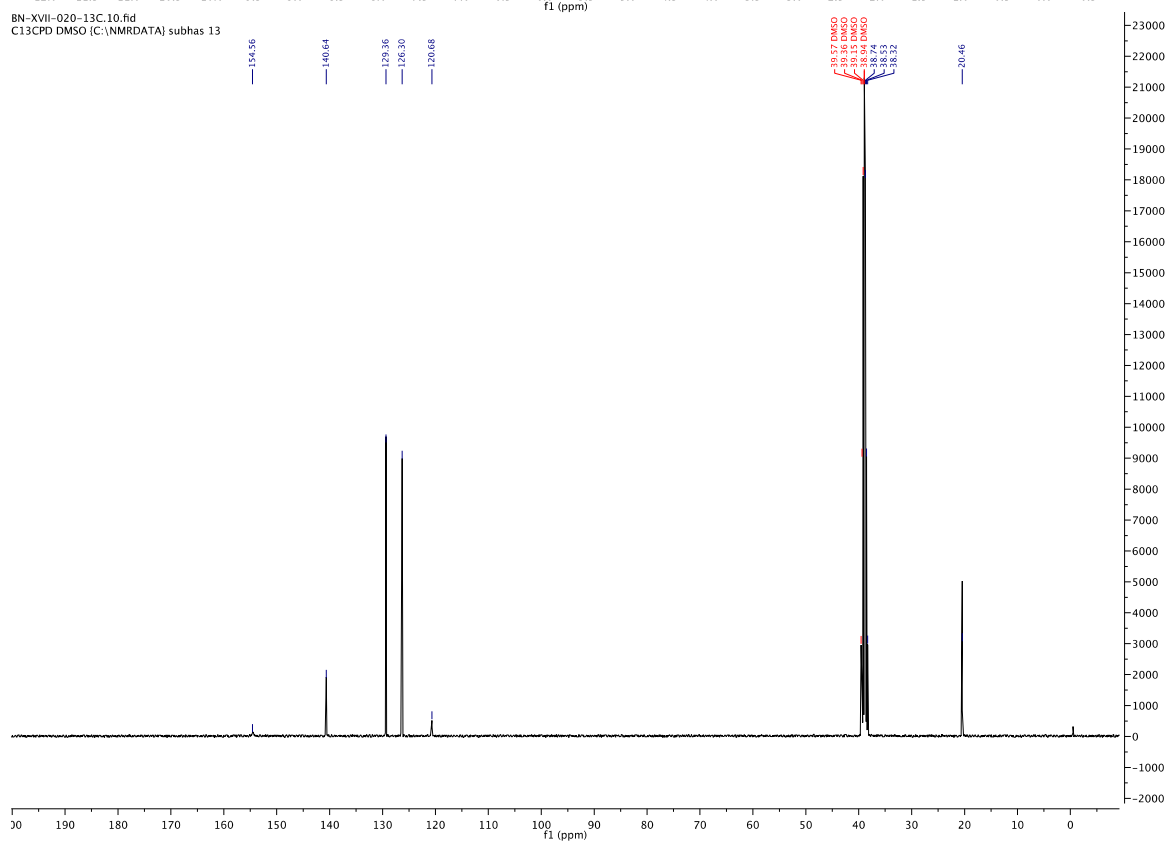


# 5-(4-Methylphenyl)-1H-tetrazole (2g)

BN-XVII-020-1H.10.fid  
PROTON DMSO [C:\NMRDATA] subhas 13

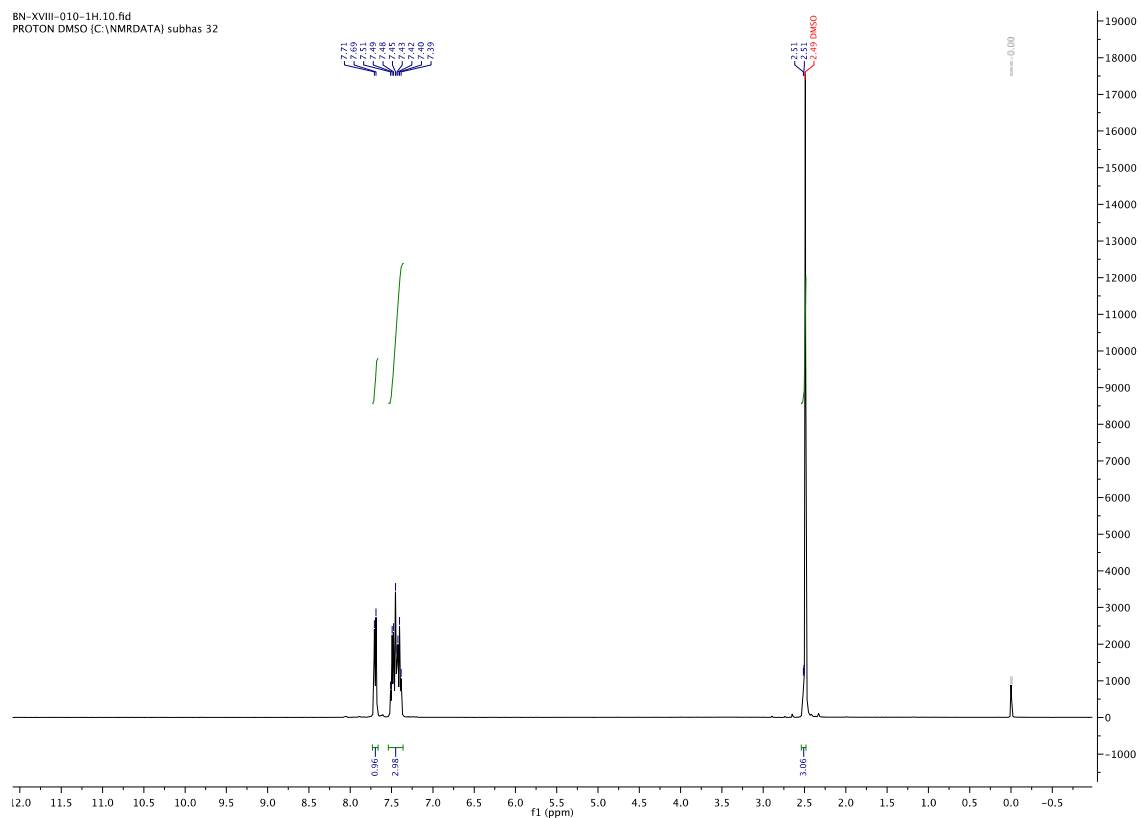


BN-XVII-020-13C.10.fid  
C13CPD DMSO [C:\NMRDATA] subhas 13

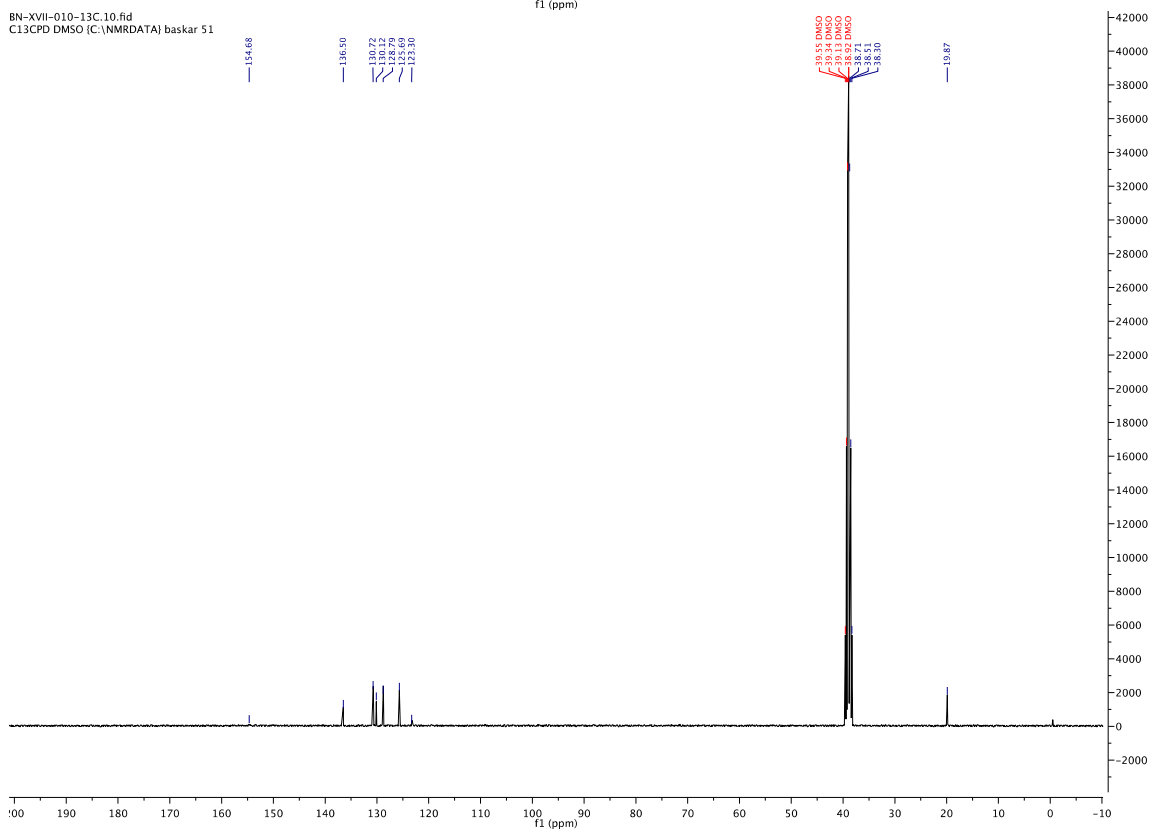


# 5-(2-Methylphenyl)-1H-tetrazole (2h)

BN-XVIII-010-1H.10.fid  
PROTON DMSO [C:\NMRDATA] subhas 32



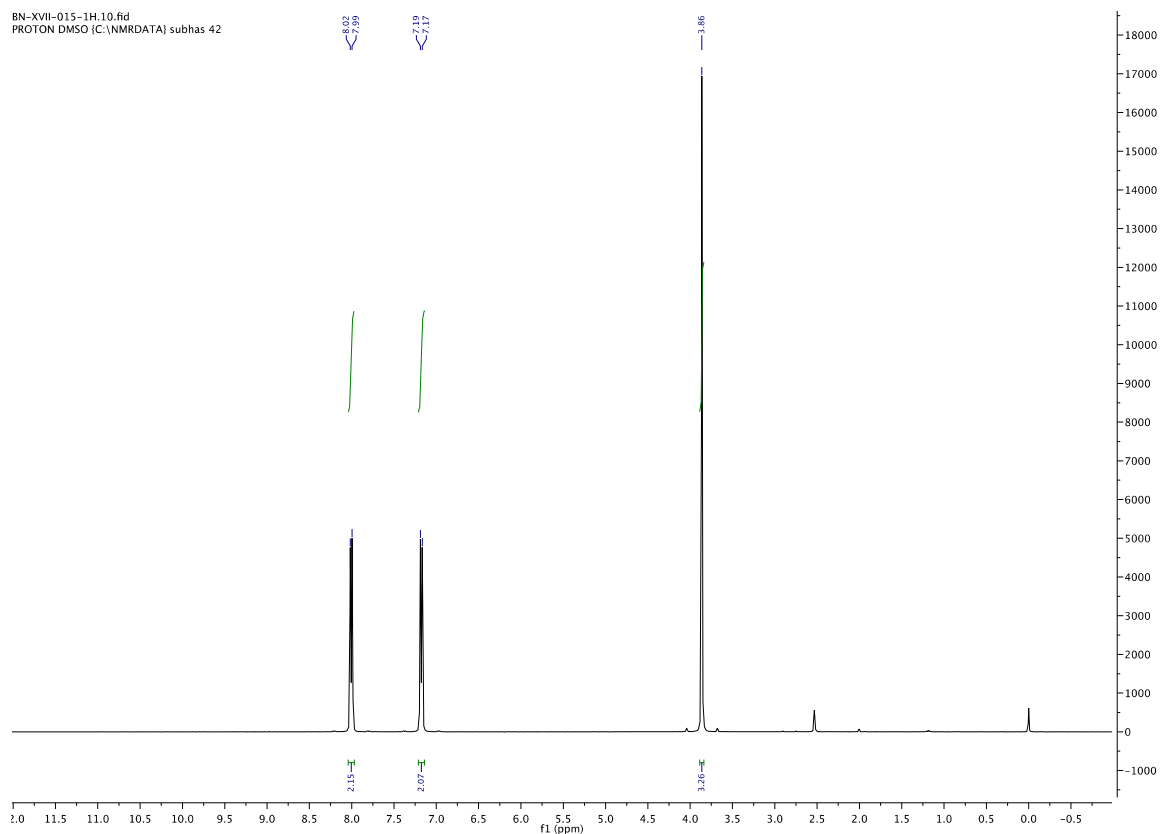
BN-XVII-010-13C.10.fid  
C13CPD DMSO [C:\NMRDATA] baskar 51



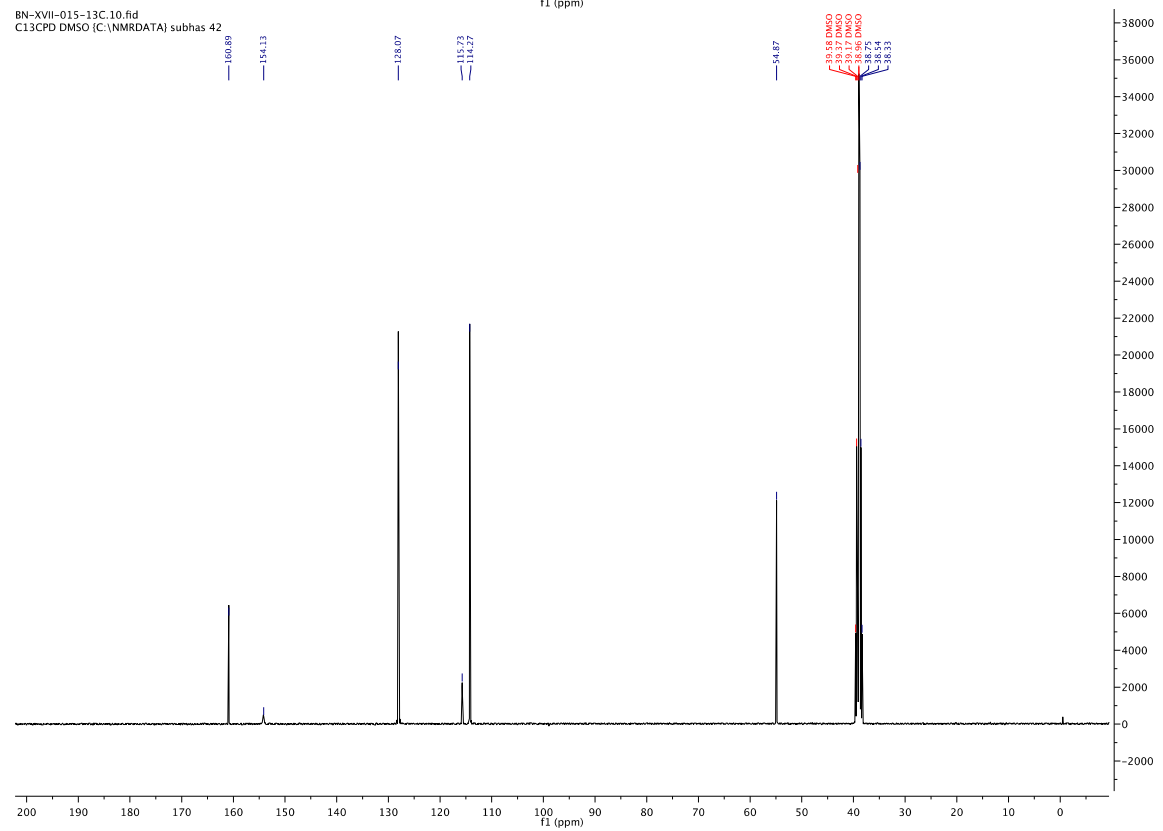


# 5-(4-Methoxyphenyl)-1H-tetrazole (2i)

BN-XVII-015-1H.10.fid  
PROTON DMSO [C:\NMRDATA\} subhas 42

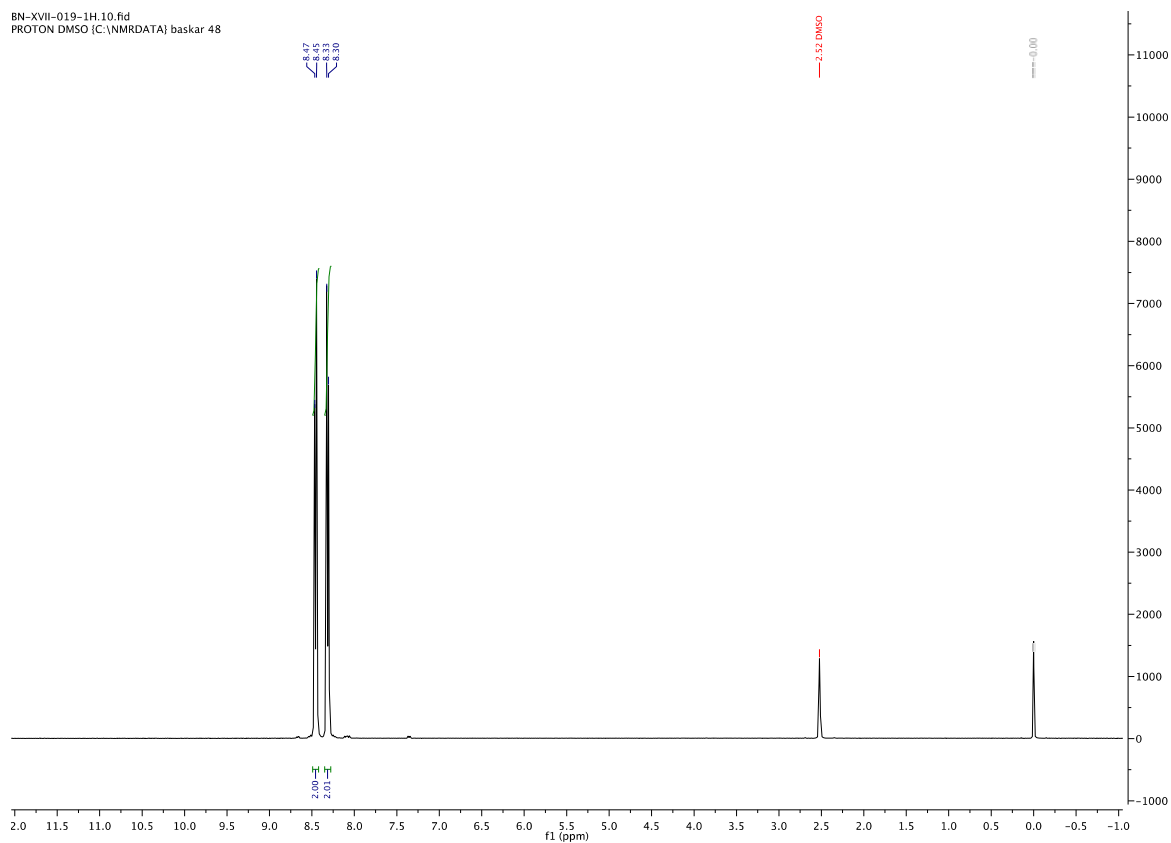


BN-XVII-015-13C.10.fid  
C13CPD DMSO [C:\NMRDATA\} subhas 42

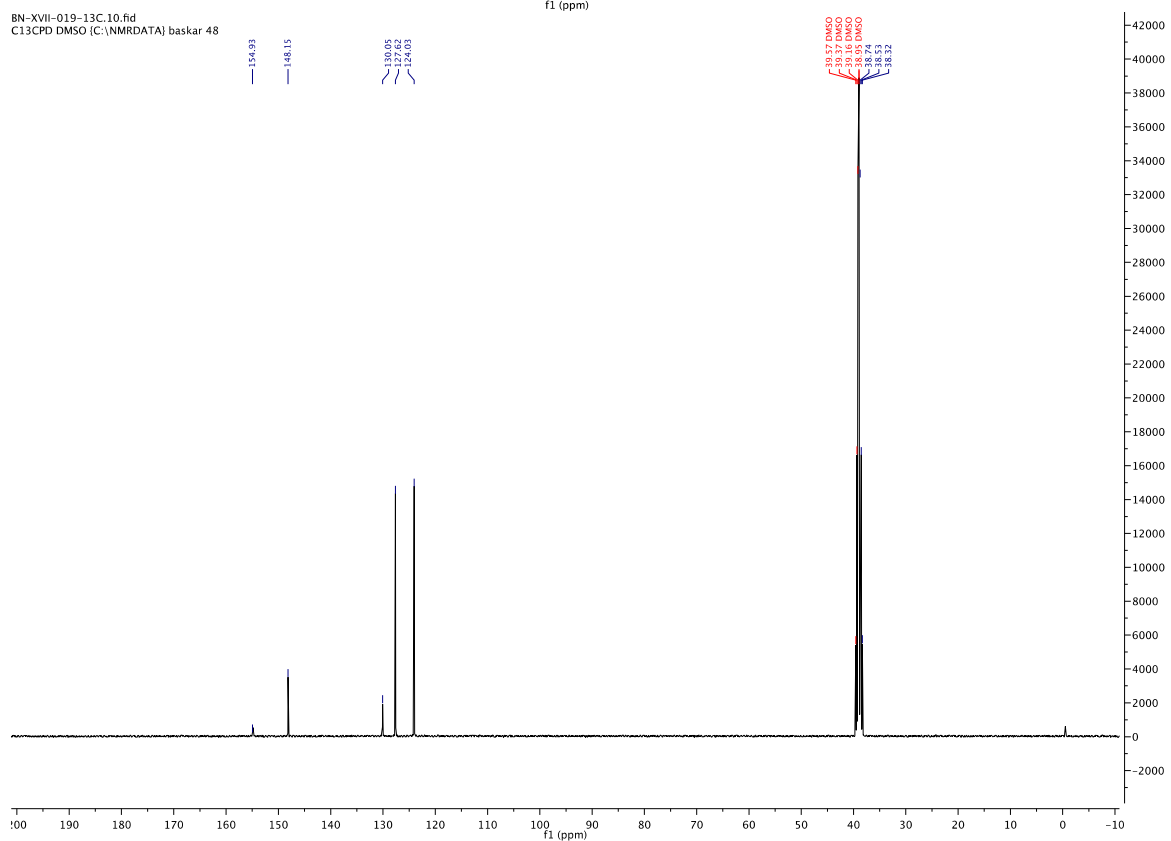


# 5-(4-Nitrophenyl)-1H-tetrazole (2j)

BN-XVII-019-1H.10.fid  
PROTON DMSO [C:\NMRDATA] baskar 48

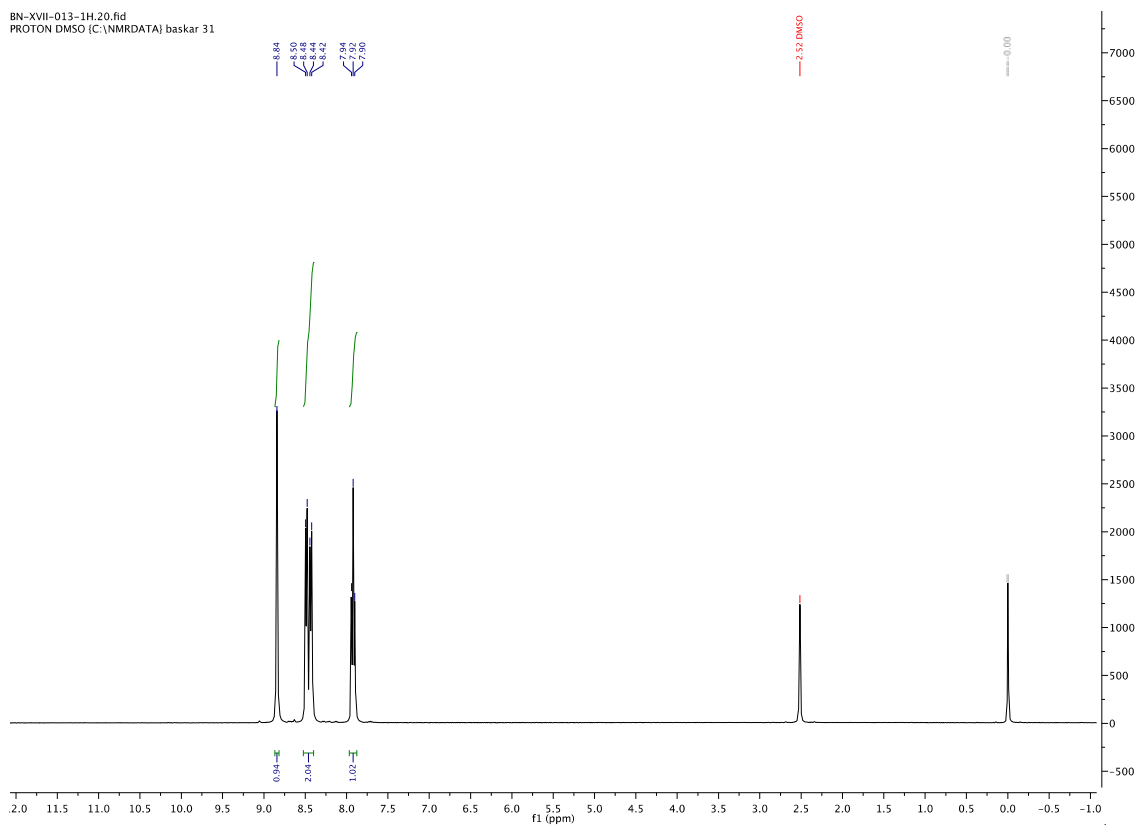


BN-XVII-019-13C.10.fid  
C13CPD DMSO [C:\NMRDATA] baskar 48

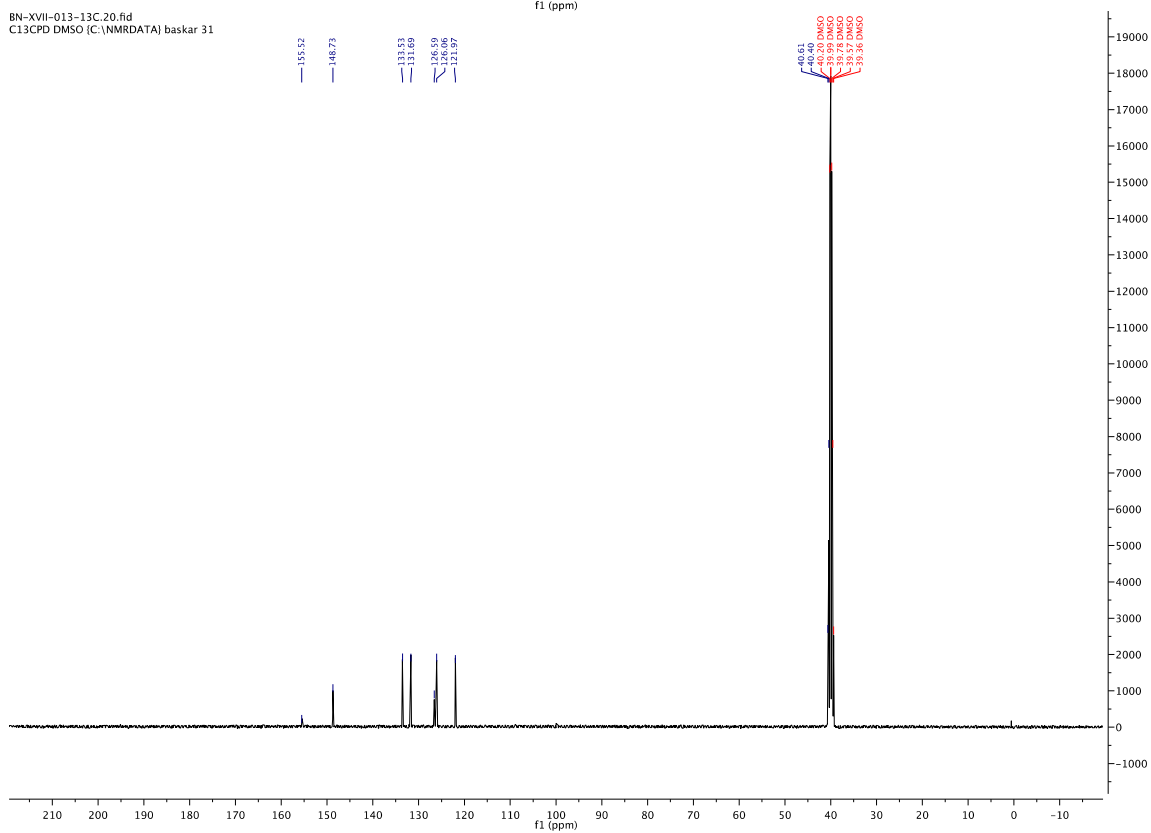


# 5-(3-Nitrophenyl)-1H-tetrazole (2k)

BN-XVII-013-1H.20.fid  
PROTON DMSO (C:\NMRDATA) baskar 31

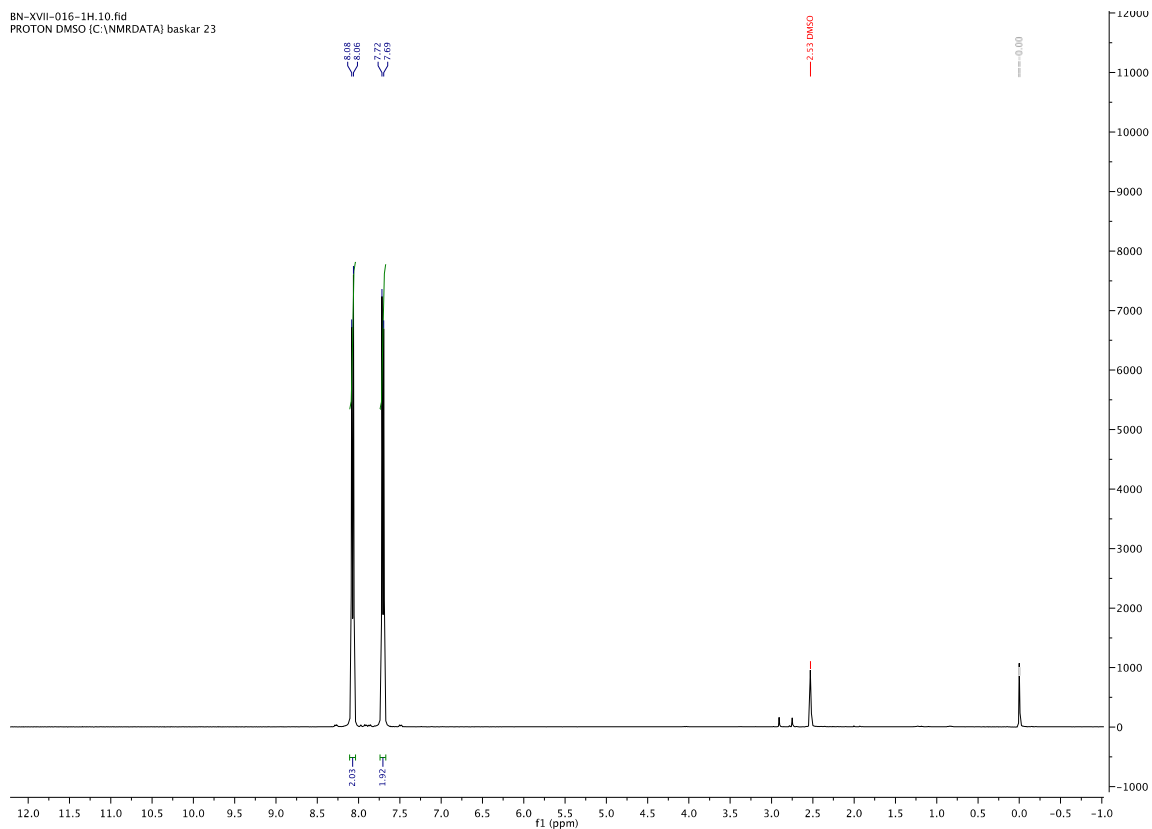


BN-XVII-013-13C.20.fid  
C13CPD DMSO (C:\NMRDATA) baskar 31

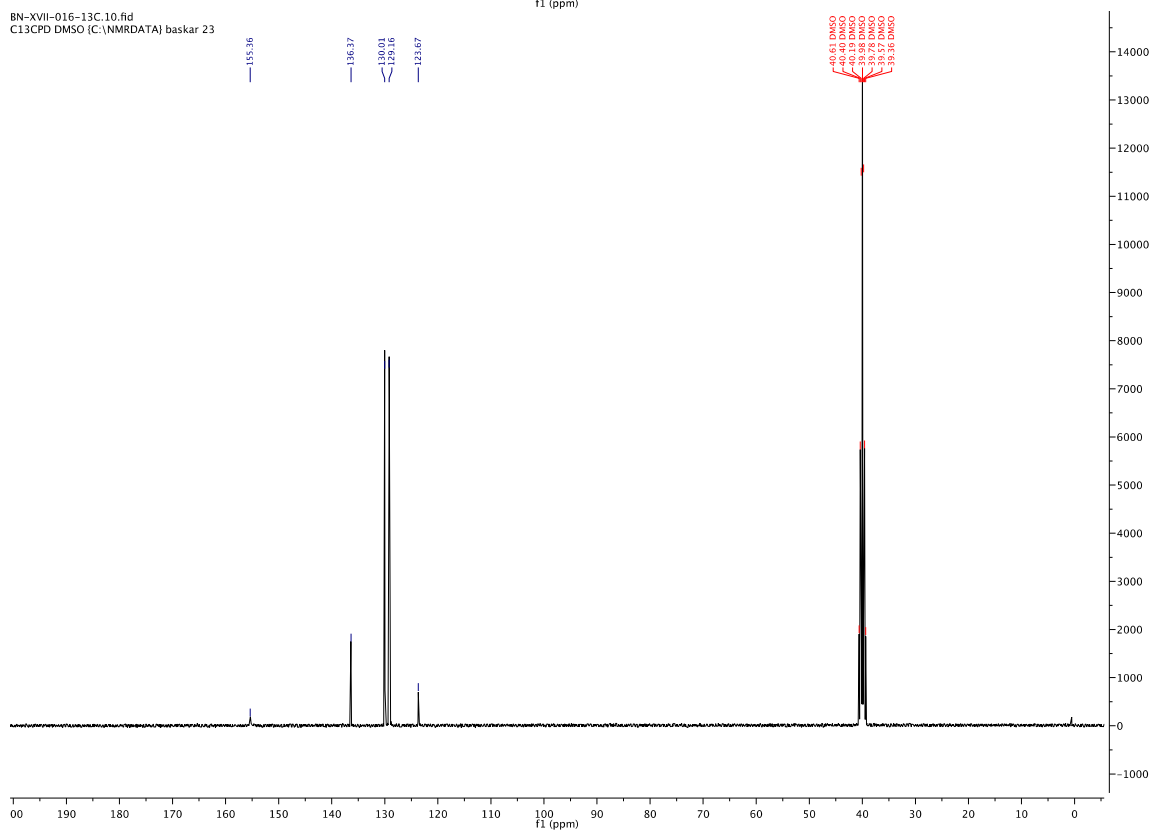


# 5-(4-Chlorophenyl)-1H-tetrazole (21)

BN-XVII-016-1H.10.fid  
PROTON DMSO [C:\NMRDATA\} baskar 23

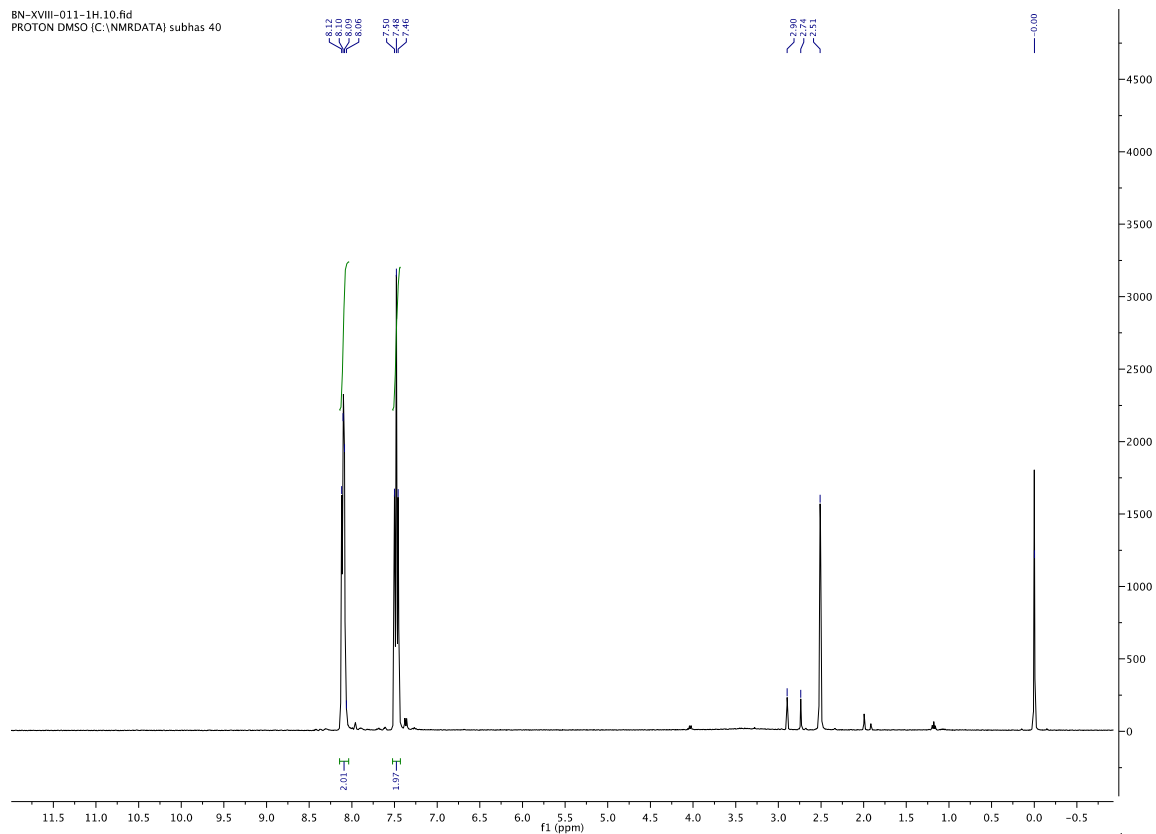


BN-XVII-016-13C.10.fid  
C13CPD DMSO [C:\NMRDATA\} baskar 23

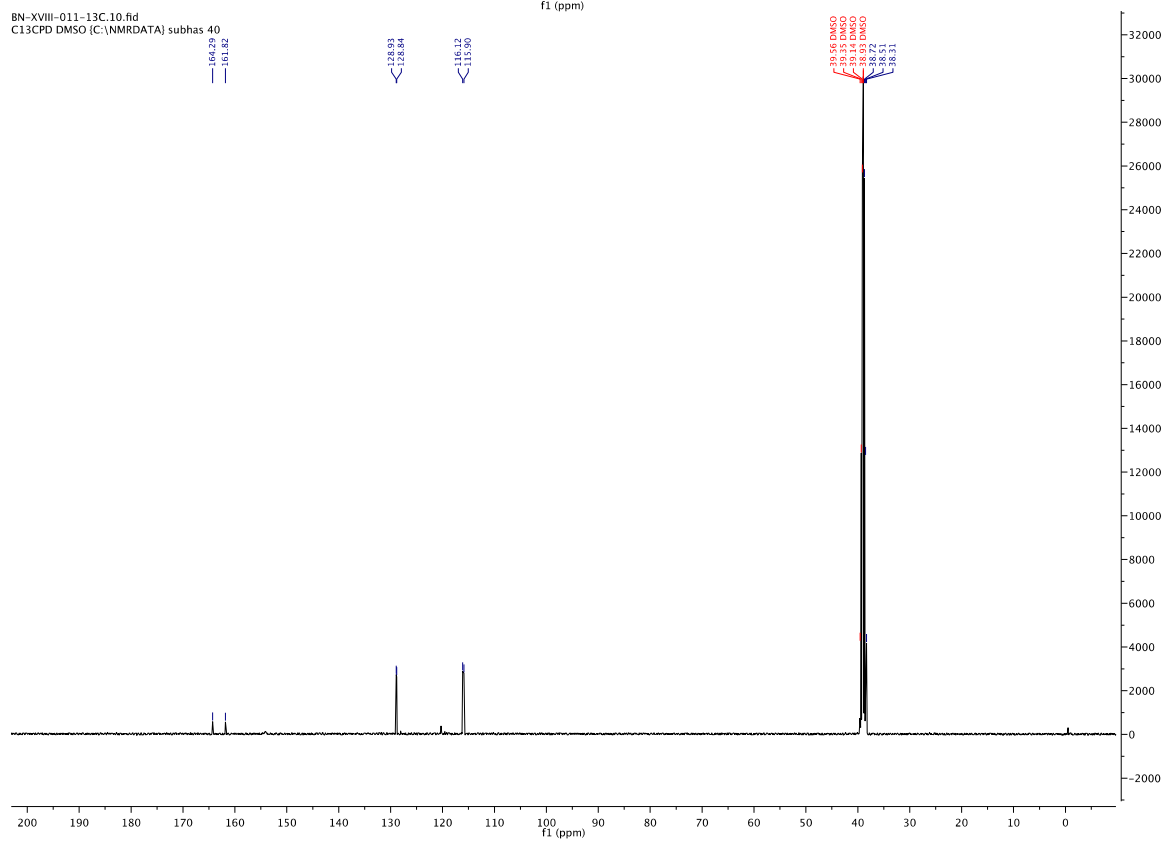


# 5-(4-Fluorophenyl)-1H-tetrazole (2m)

BN-XVIII-011-1H.10.fid  
PROTON DMSO (C:\NMRDATA) subhas 40

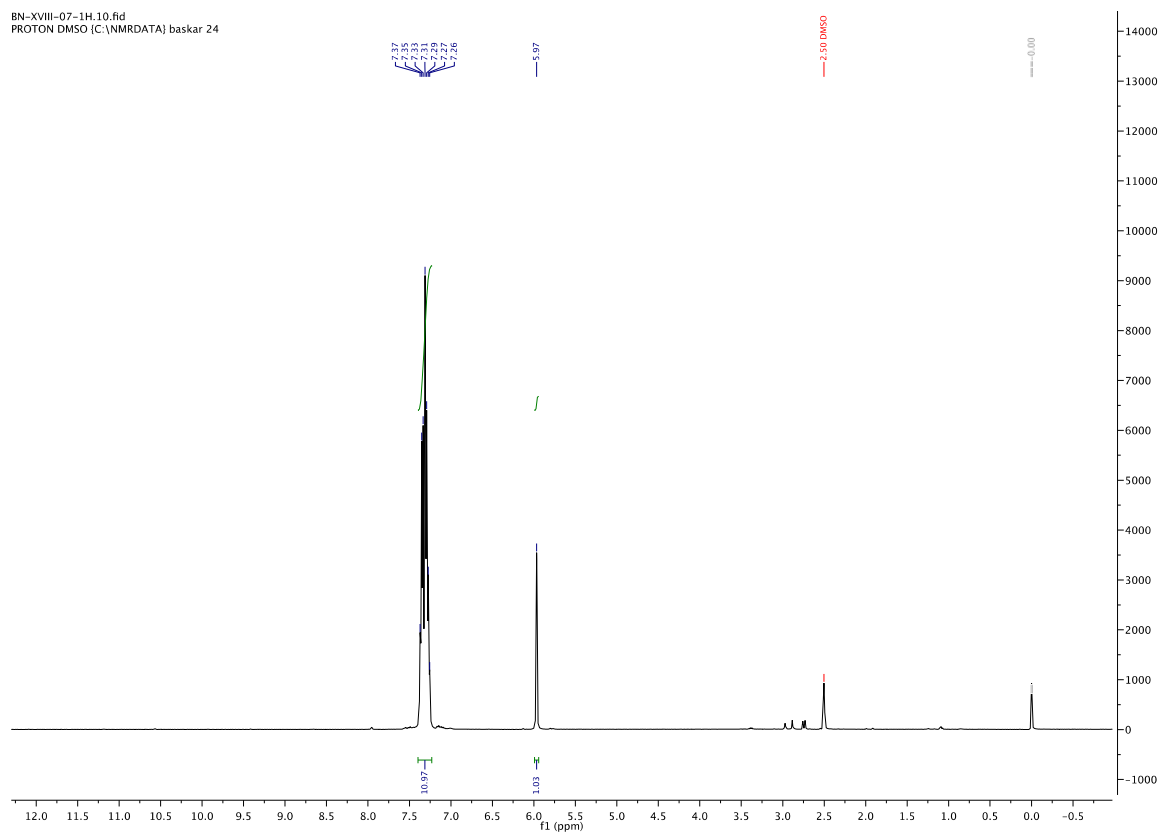


BN-XVIII-011-13C.10.fid  
C13CPD DMSO (C:\NMRDATA) subhas 40

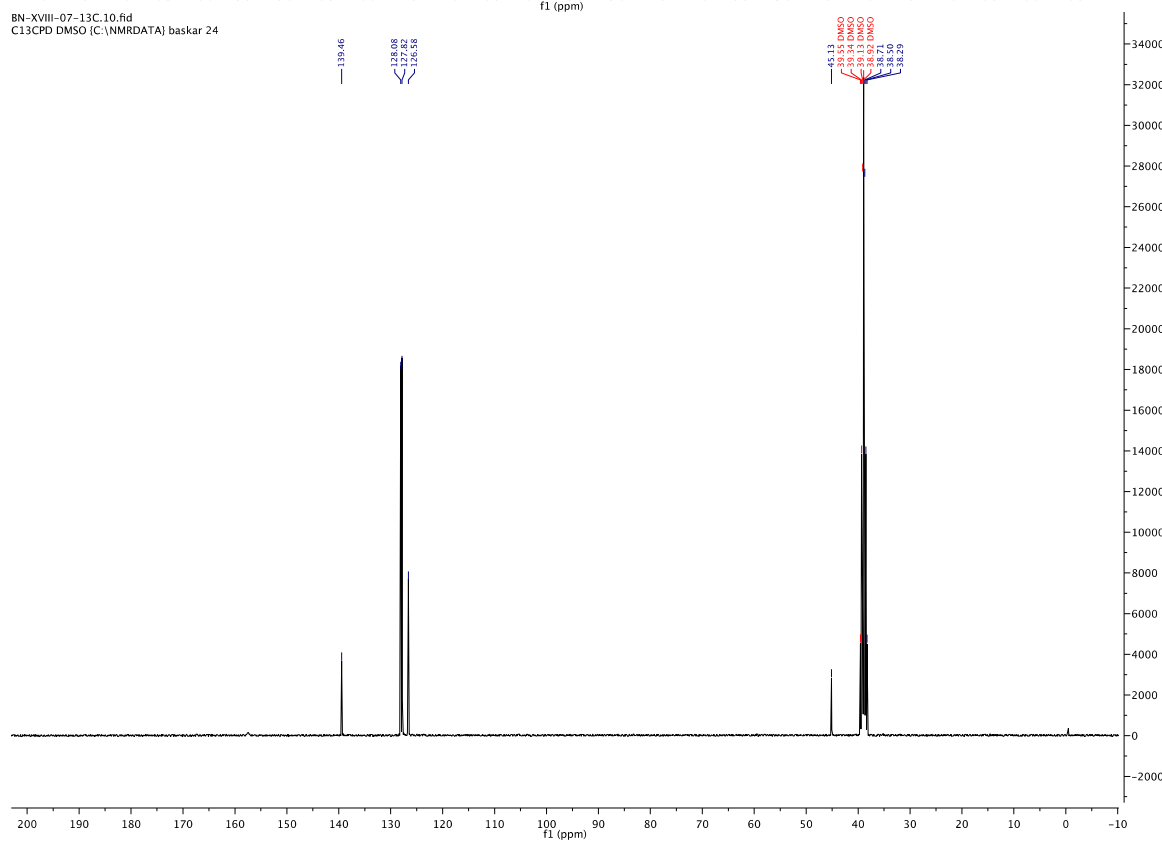


# 5-Diphenylmethyl-1H-tetrazole (2n)

BN-XVIII-07-1H.10.fid  
PROTON DMSO (C:\NMRDATA) baskar 24

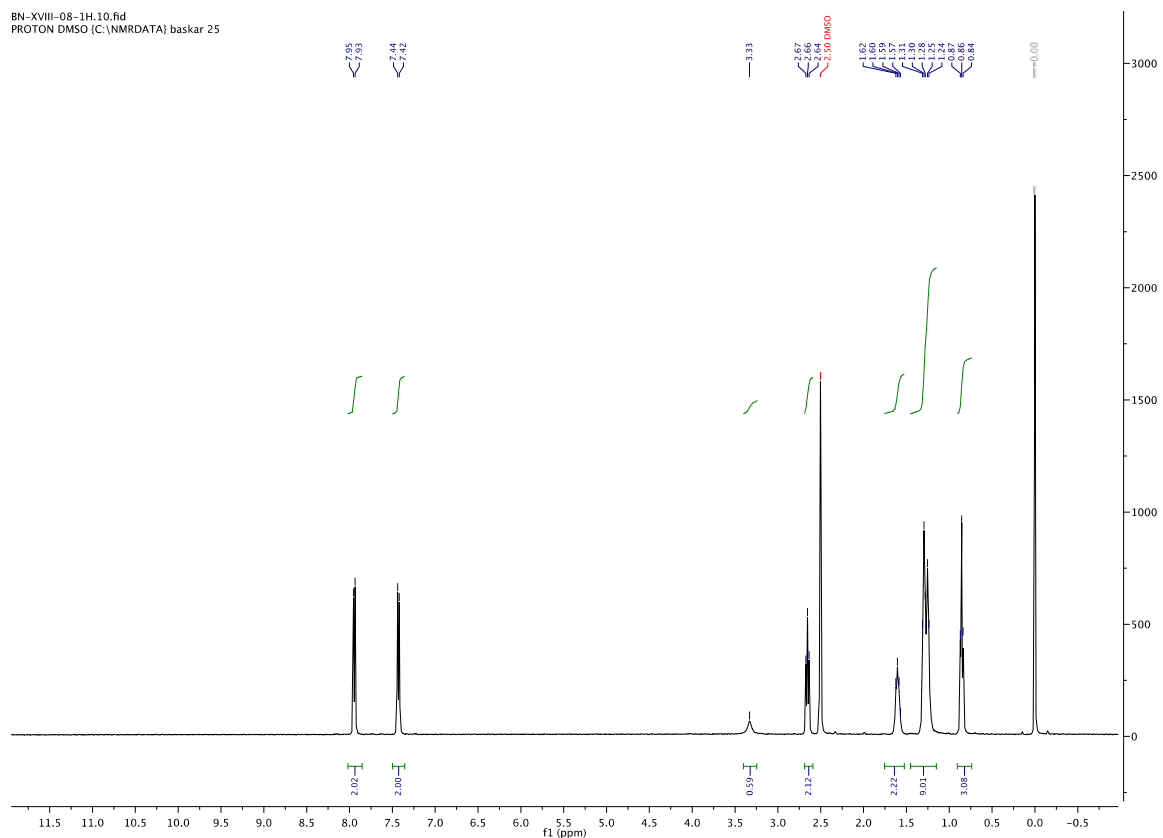


BN-XVIII-07-13C.10.fid  
C13CPD DMSO (C:\NMRDATA) baskar 24

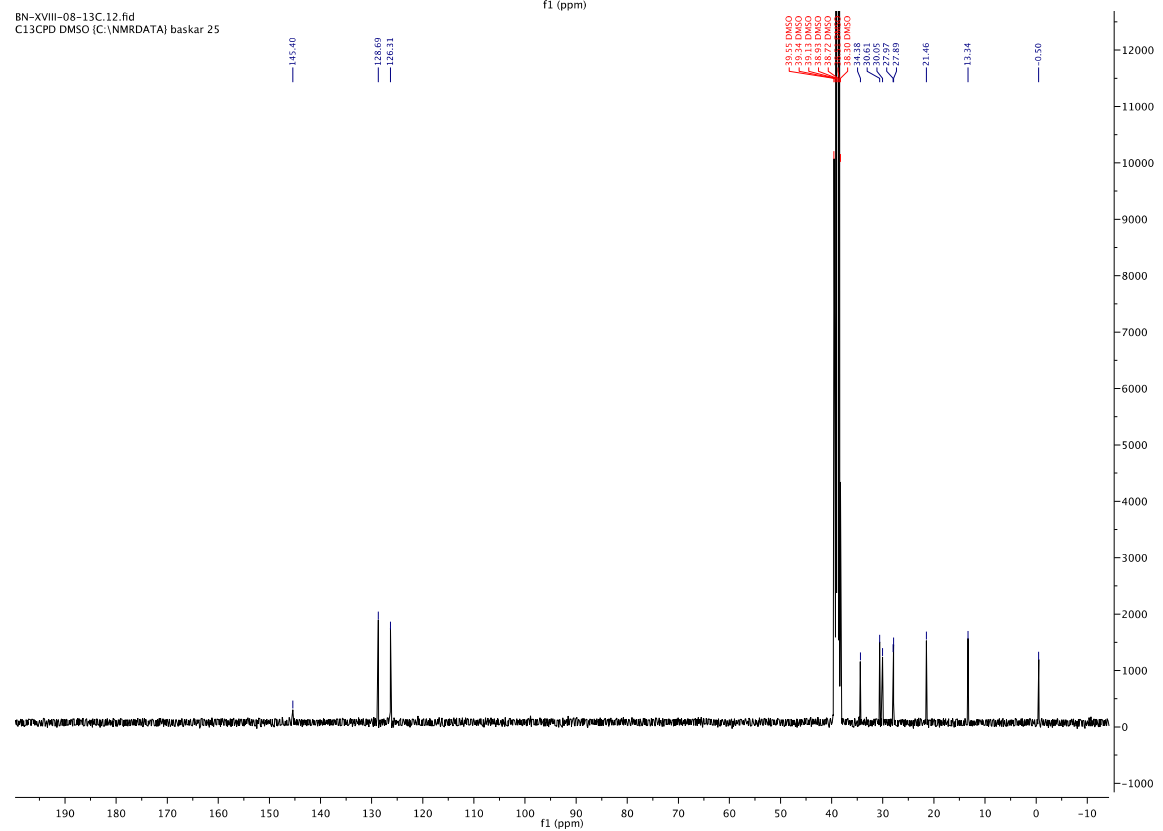


# 5-(4-Heptylphenyl)-1H-tetrazole (2o)

BN-XVIII-08-1H.10.fid  
 PROTON DMSO [C:\NMRDATA} baskar 25



BN-XVIII-08-13C.12.fid  
 C13CPD DMSO [C:\NMRDATA} baskar 25



# 5-[4-(3-Butenyl)phenyl]-1H-tetrazole (2p)

BN-XVIII-09-1H.10.fid  
PROTON DMSO (C:\NMRDATA) baskar 28

