

Supporting Information

Efficient Synthesis of ESI-09, A Novel Non-cyclic Nucleotide EPAC

Antagonist

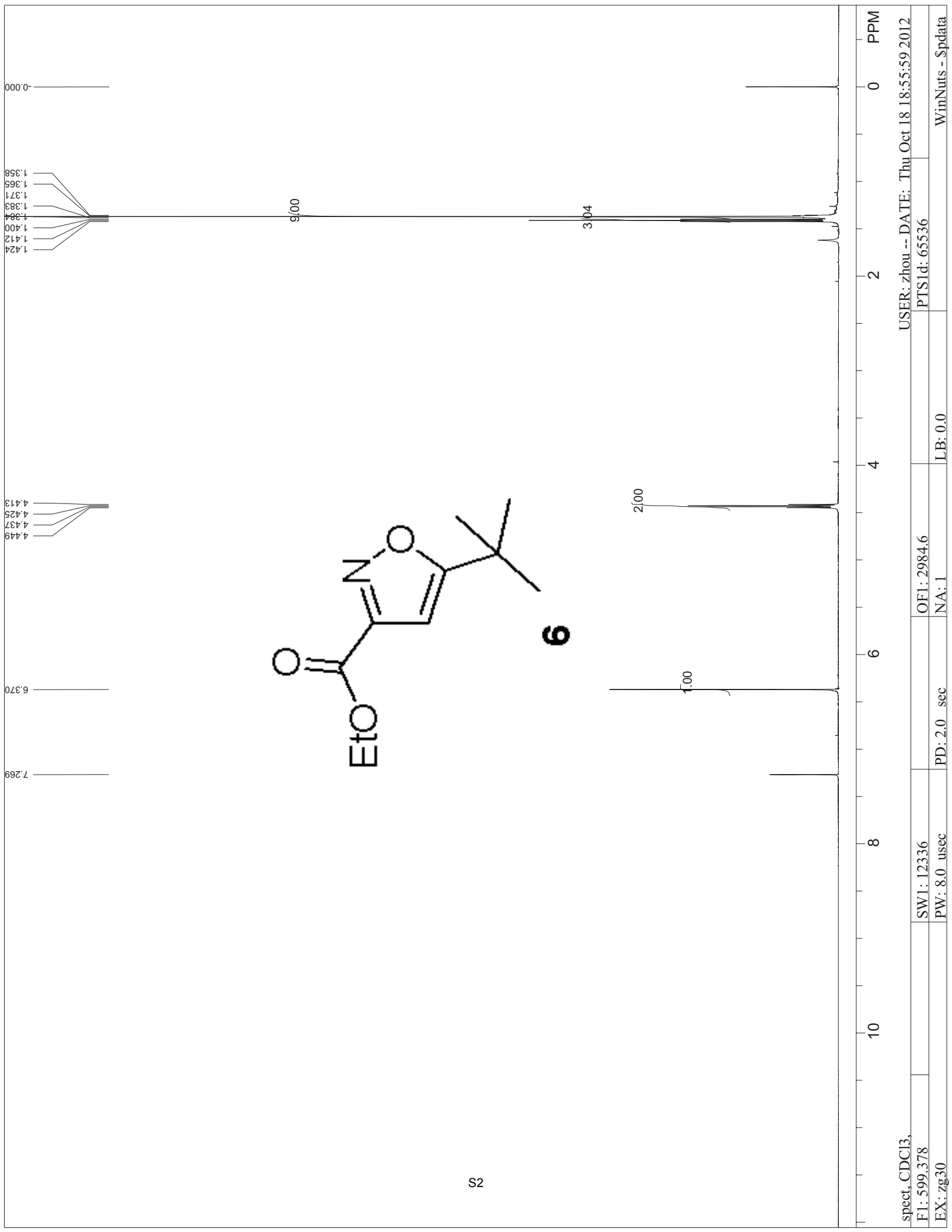
Haijun Chen,[†] Chunyong Ding,[†] Christopher Wild,[†] Huiling Liu,[†] Tianzhi Wang,[‡] Mark A. White,[‡] Xiaodong Cheng,^{†,‡} Jia Zhou^{†,*}

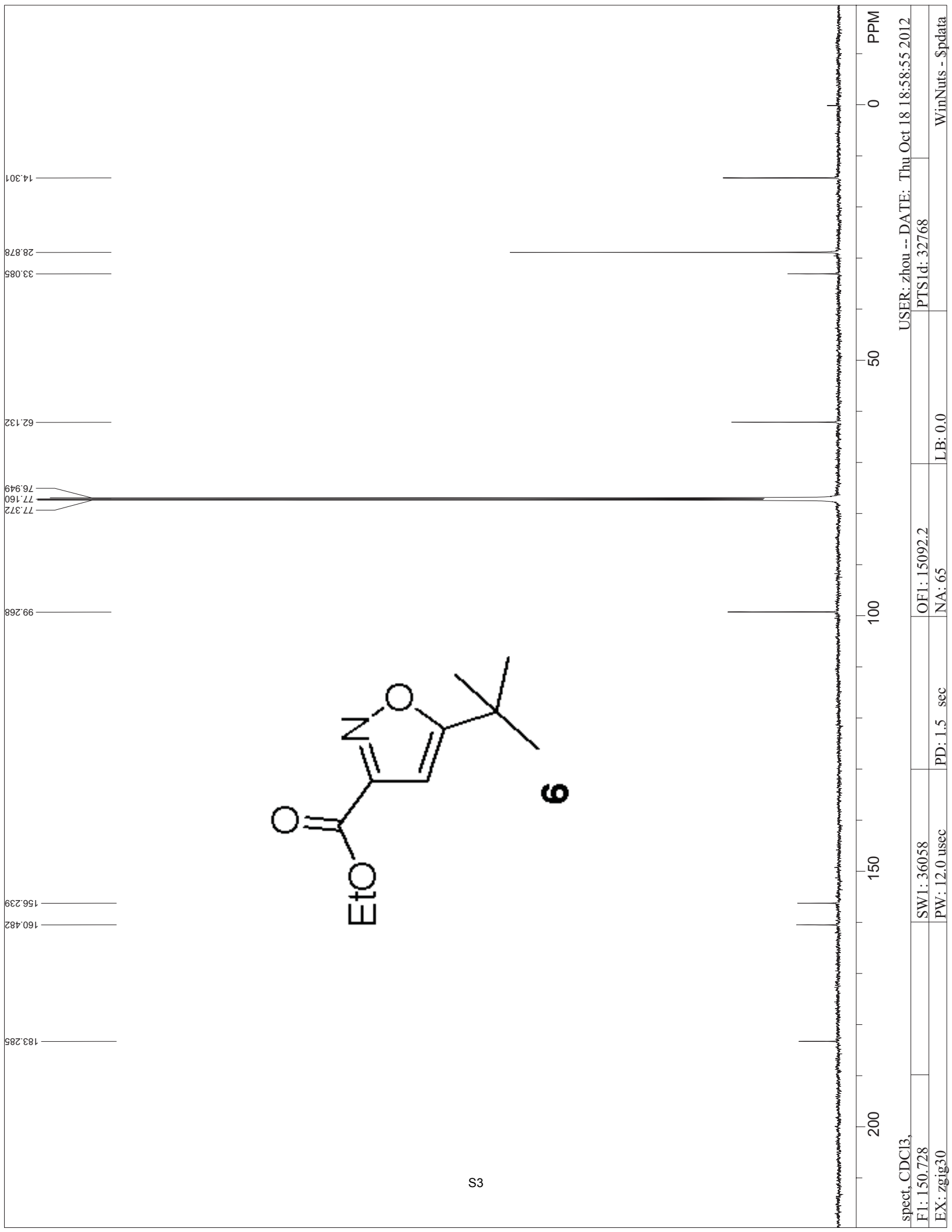
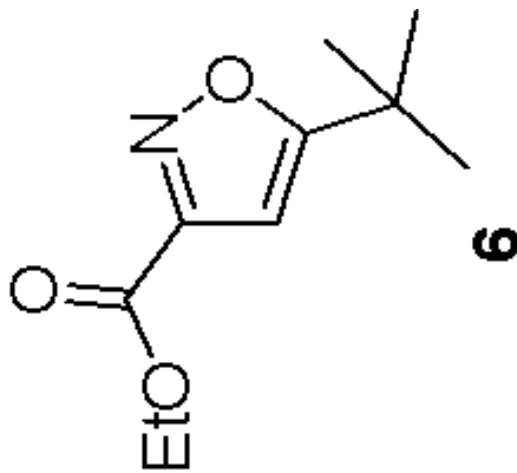
[†]Department of Pharmacology and Toxicology, [‡]Sealy Center for Structural Biology and Molecular Biophysics, University of Texas Medical Branch, Galveston, Texas 77555, United States,

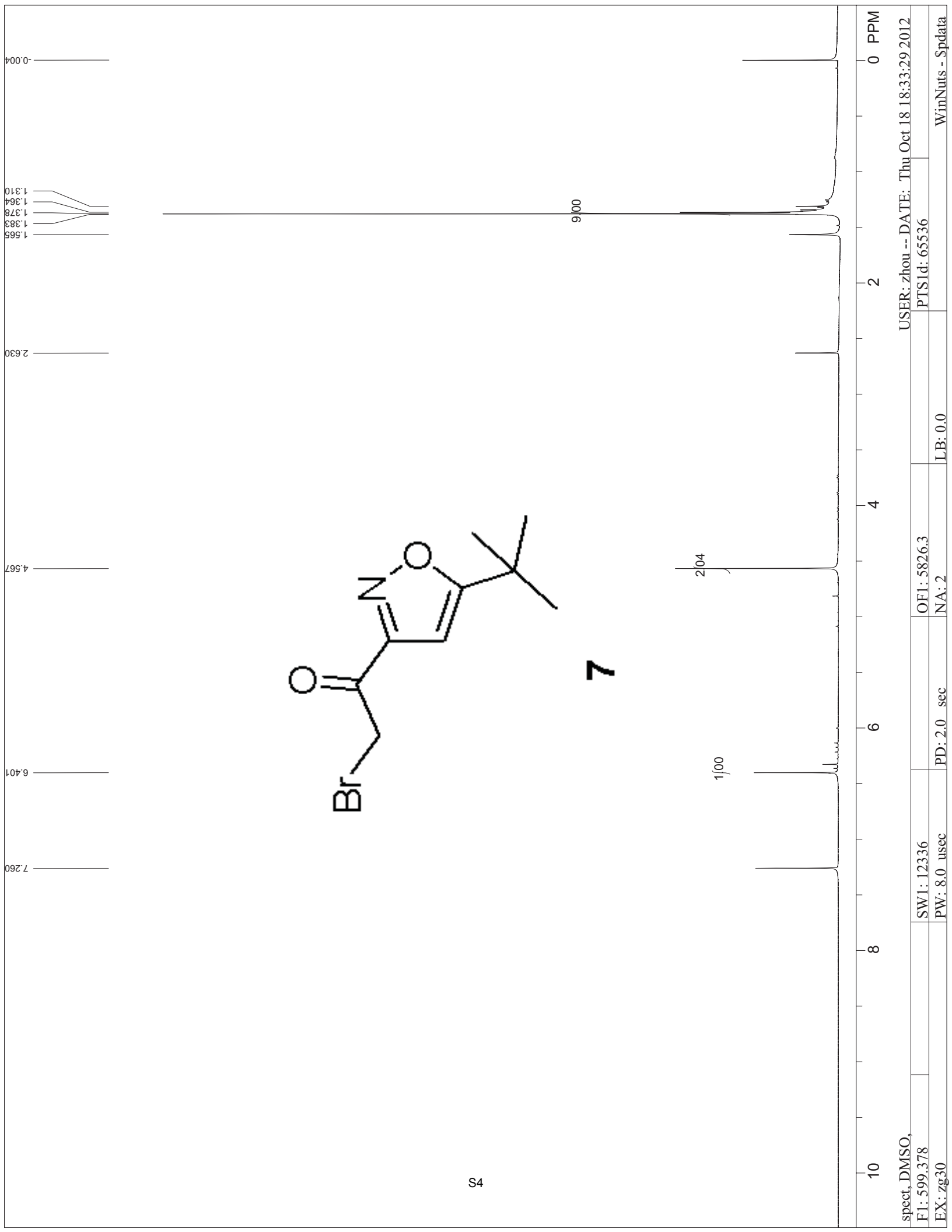
Tel: (409) 772-9748; Fax: (409) 772-9818; E-mail: jizhou@utmb.edu.

Table of Contents

Copies of ¹H and ¹³C NMR spectra S2-S13







spect, DMSO,

F1: 599.378

EX: zg30

SW1: 12336

PW: 8.0 usec

PD: 2.0 sec

OF1: 5826.3

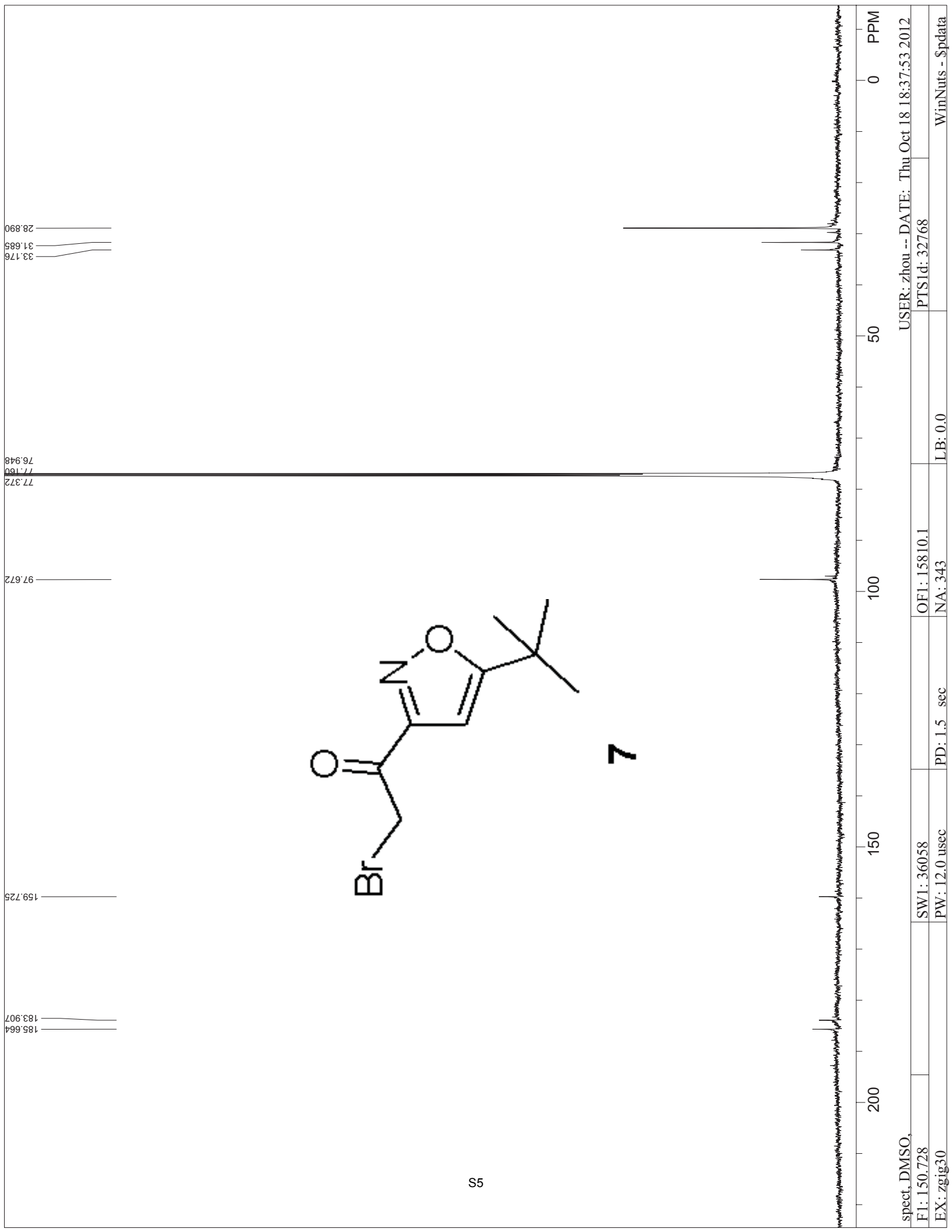
NA: 2

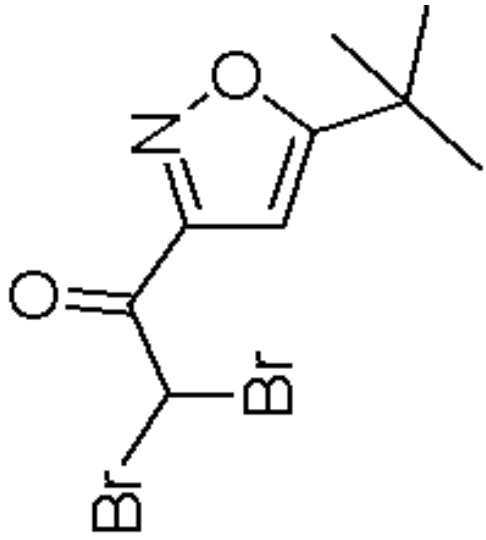
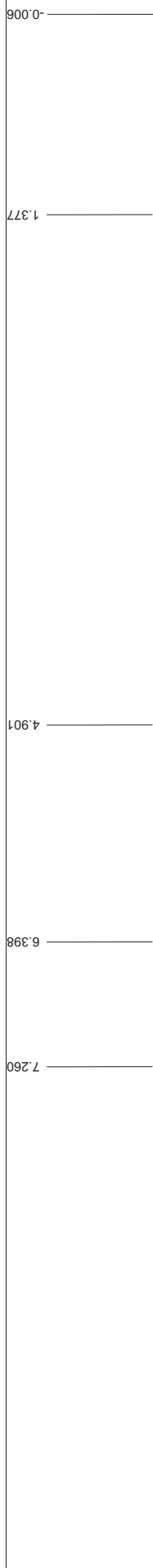
LB: 0.0

PTS1d: 65536

USER: zhou -- DATE: Thu Oct 18 18:33:29 2012

WinNuts - \$pdata





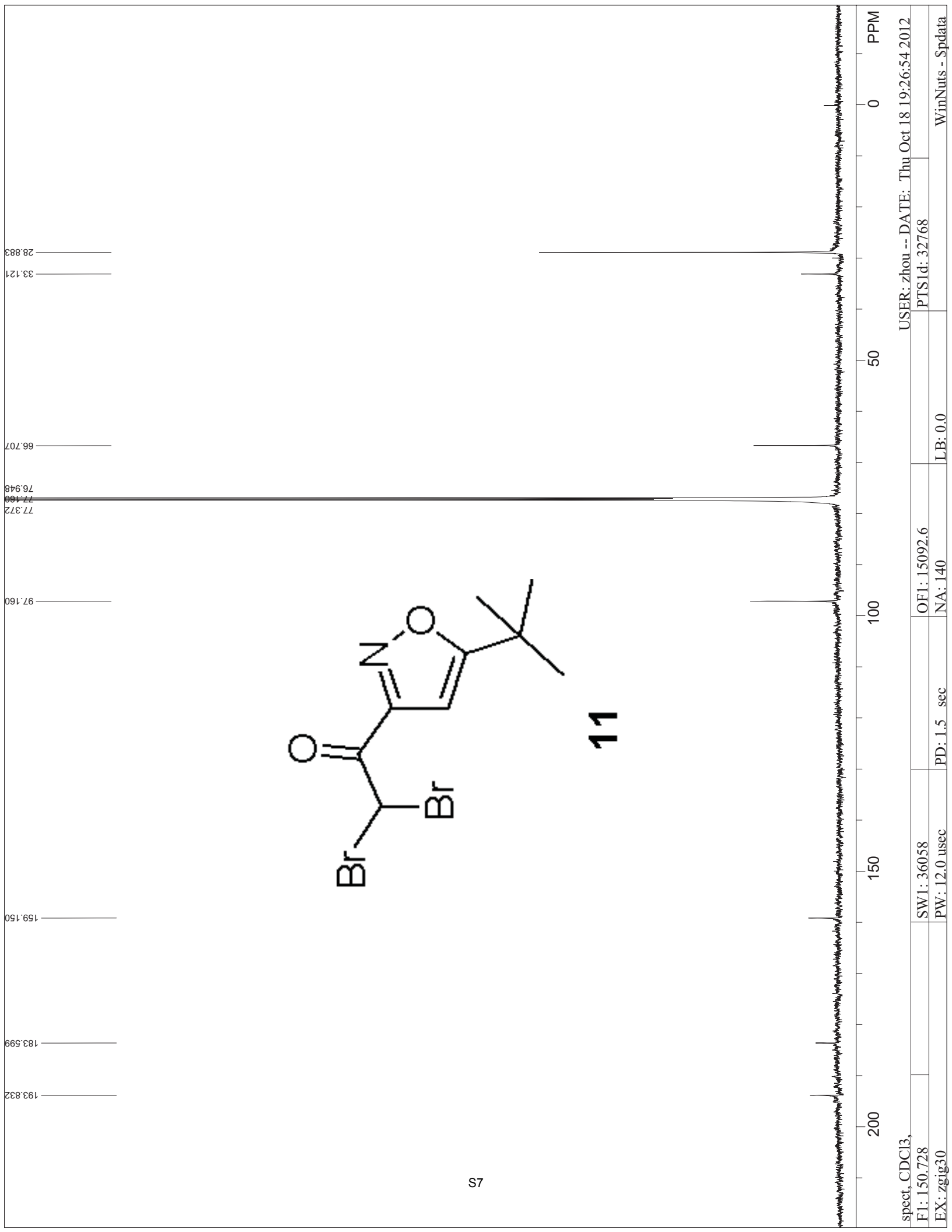
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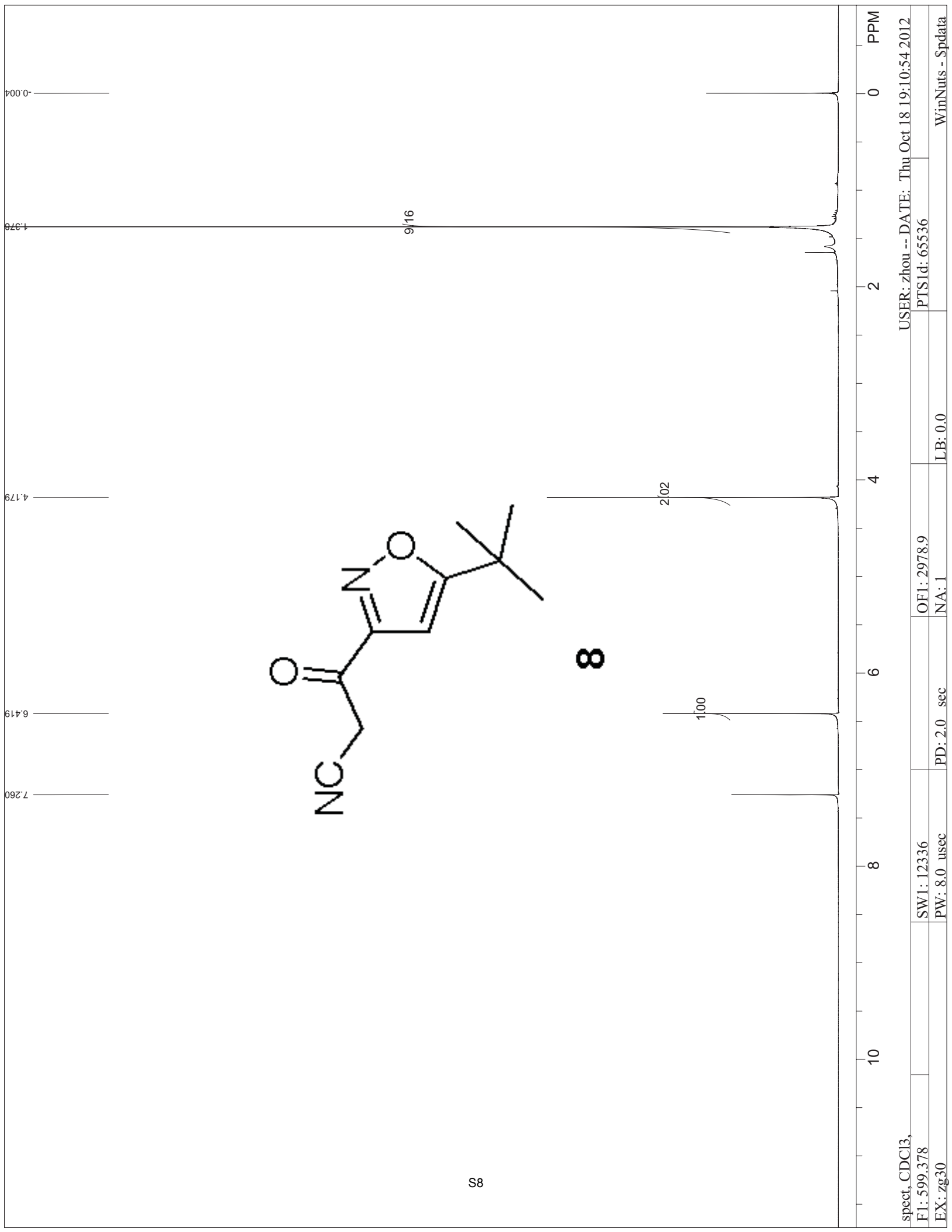
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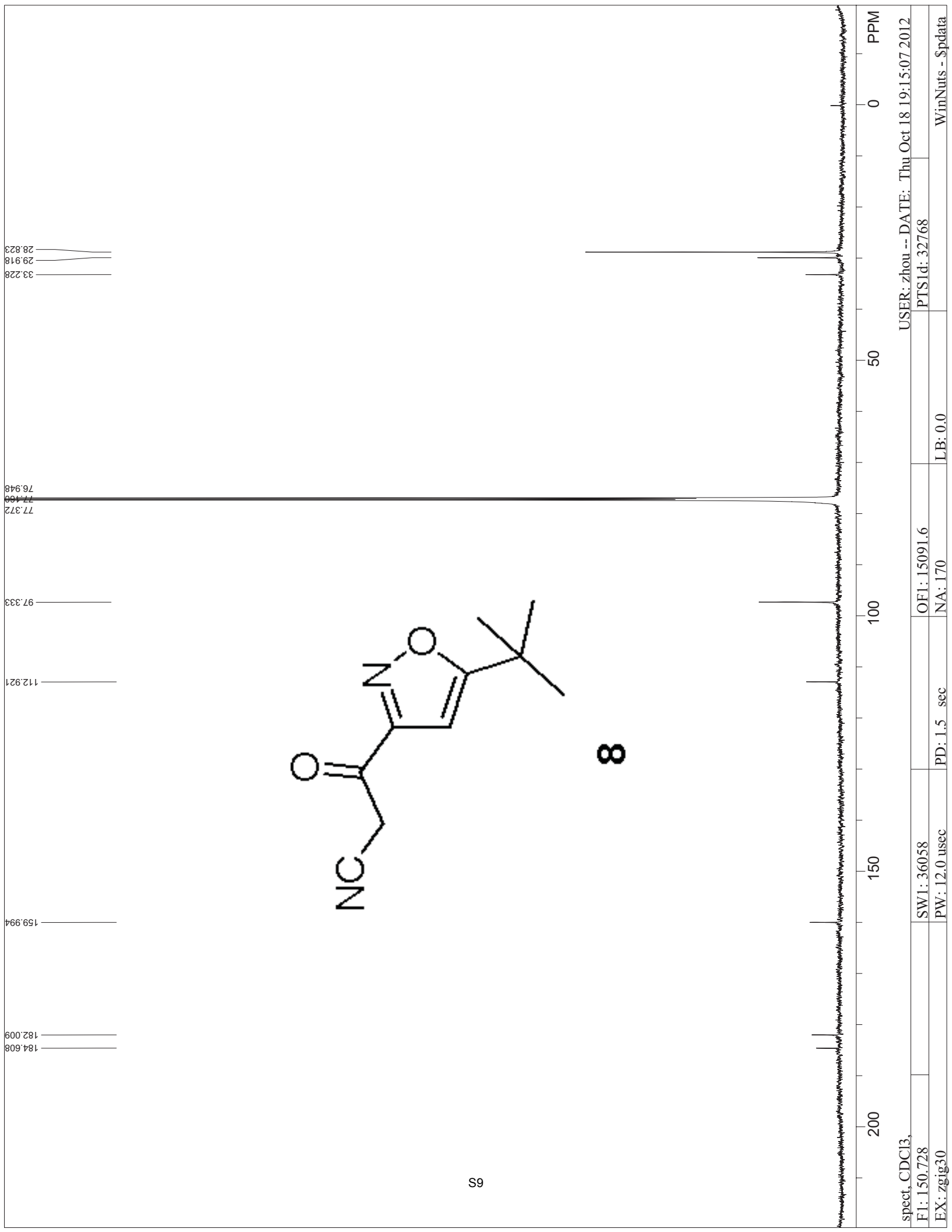
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9/19

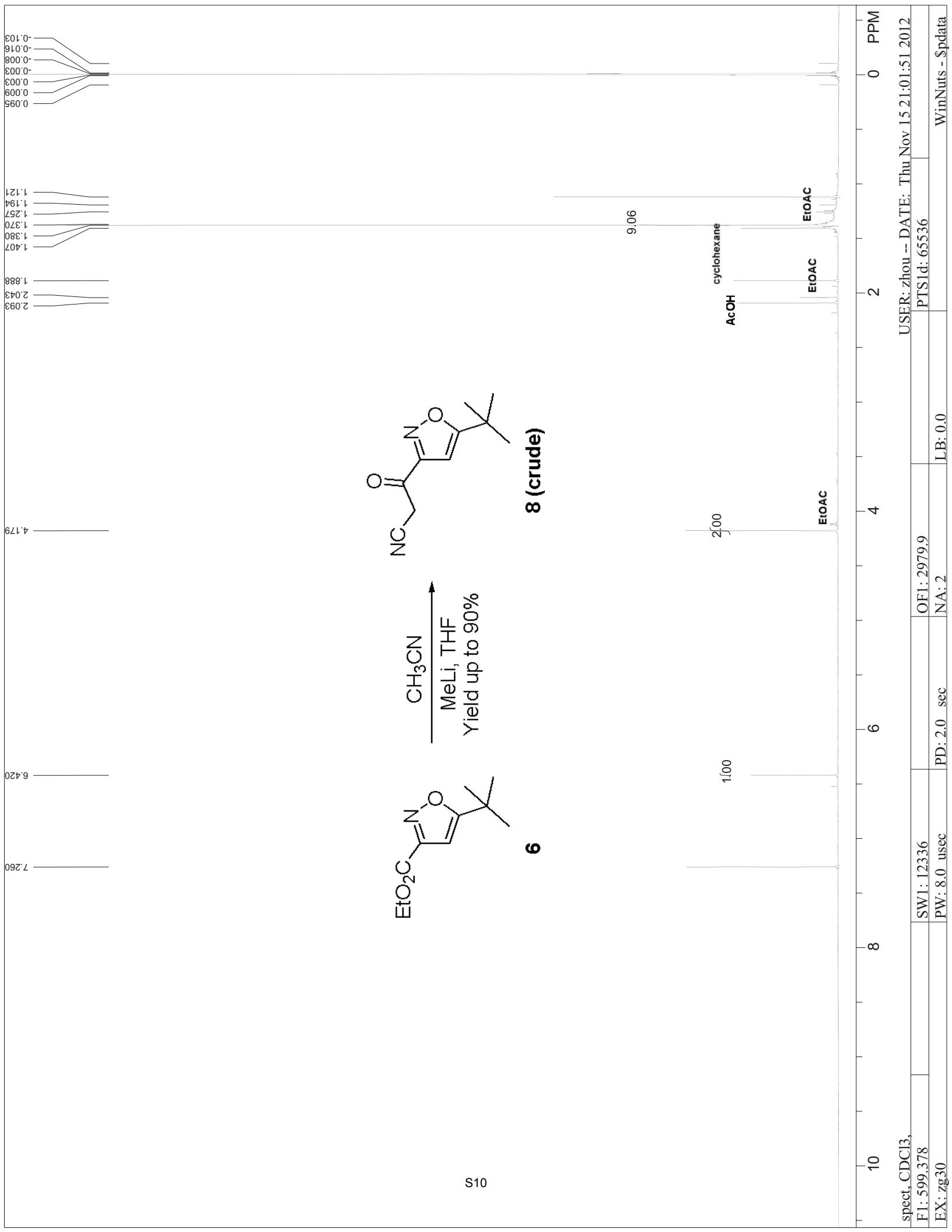
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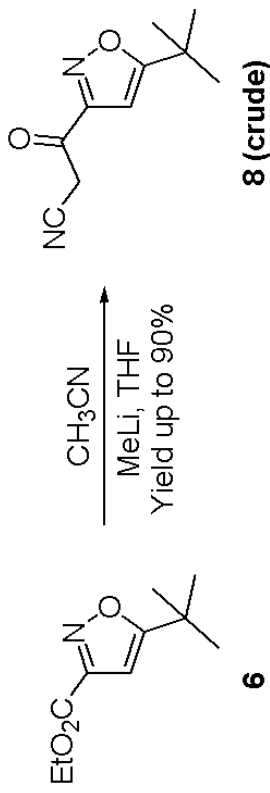
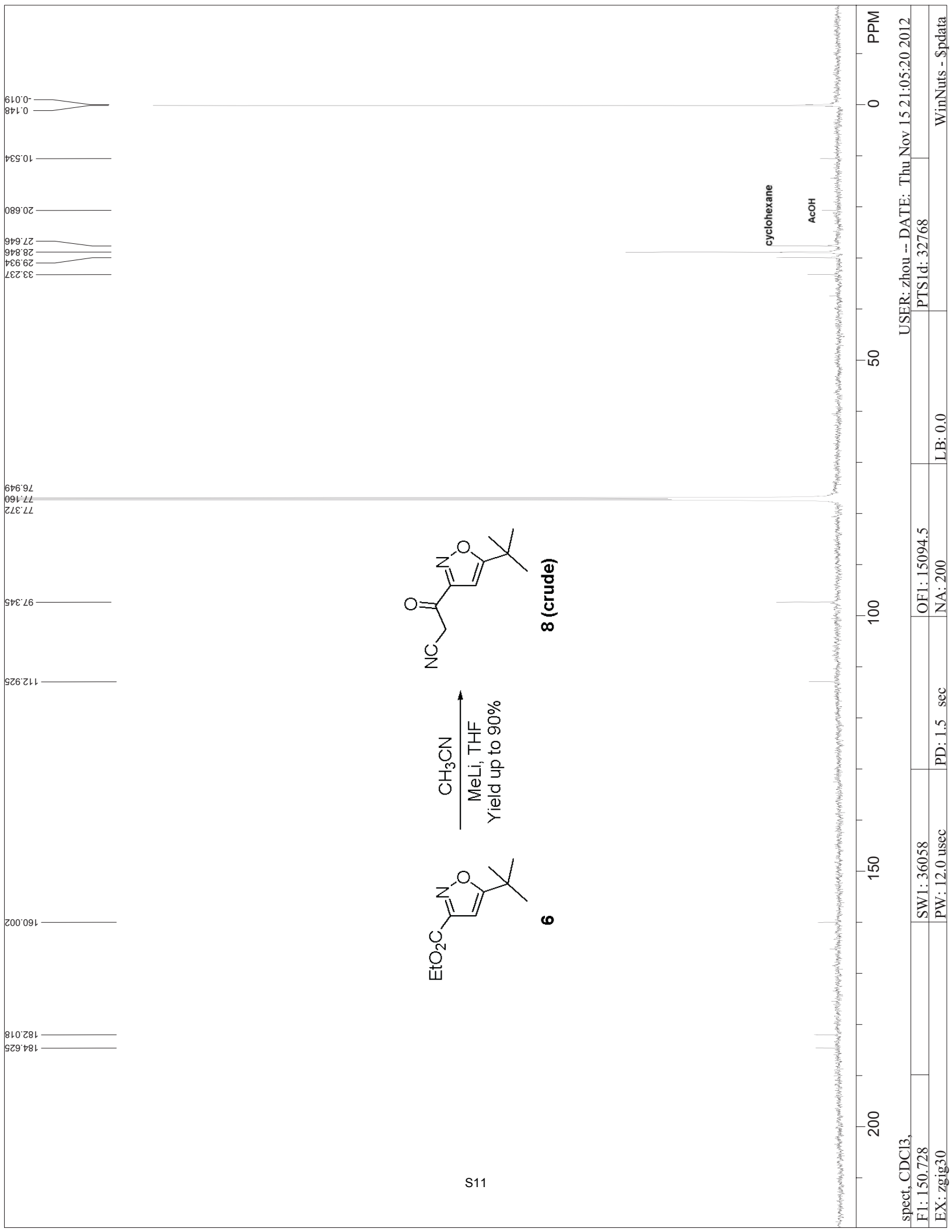


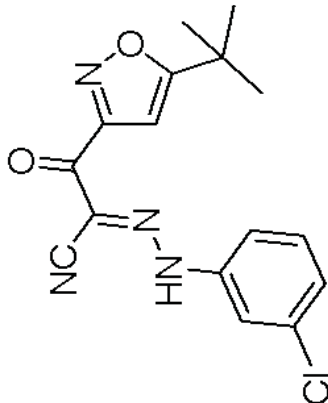
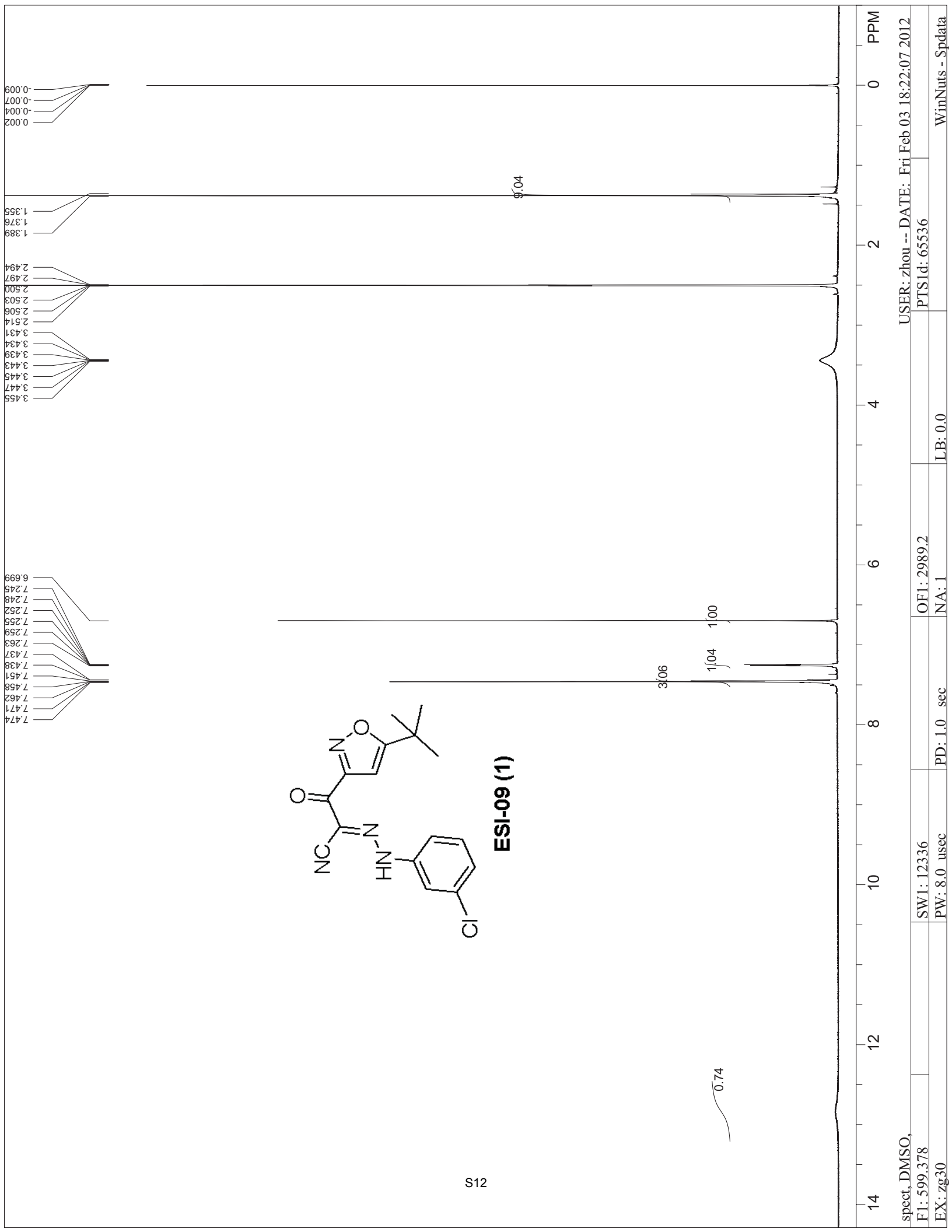




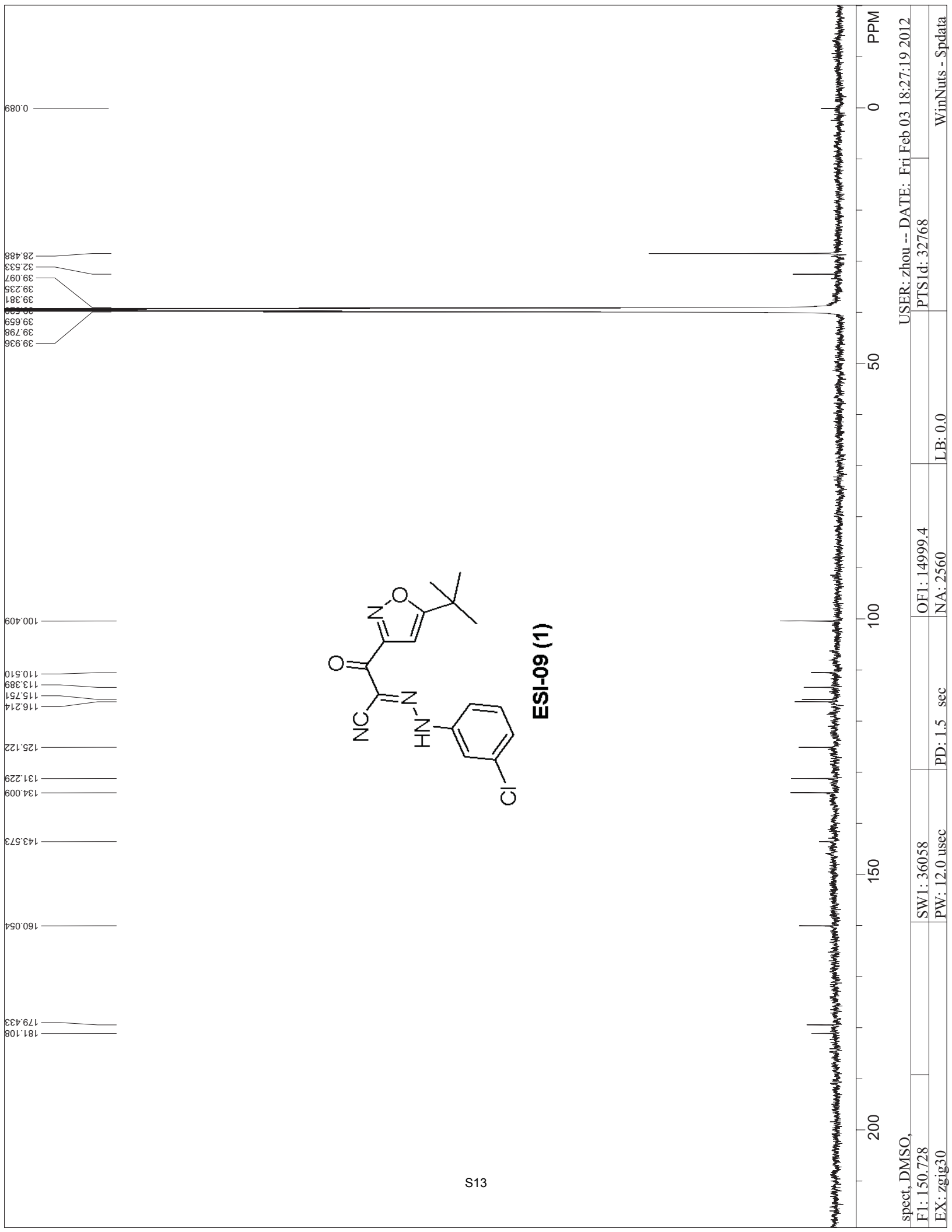
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 EX: zgig30 SW1: 36058 NA: 170 LB: 0.0 WinNuts - \$pdata
 PD: 1.5 sec







ESI-09 (1)



0.089

28.488
32.533
39.097
39.235
39.381
39.539
39.659
39.798
39.936

100.409

110.510
113.389
115.751
116.214

125.122

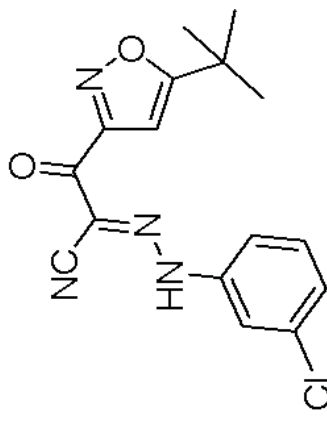
131.229

134.009

143.573

160.054

179.433
181.108



spect, DMSO, USER: zhou -- DATE: Fri Feb 03 18:27:19 2012

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EX: zgig30 LB: 0.0

OF1: 14999.4

NA: 2560

SW1: 36058

PW: 12.0 usec

PD: 1.5 sec

WinNuts - \$pdata