

1 *Supporting Information for*

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3 **A new water-soluble two-photon fluorescent probe for detection of**
4 **trace benzoyl peroxide in wheat flour and living cells and tissues**
5 **imaging**

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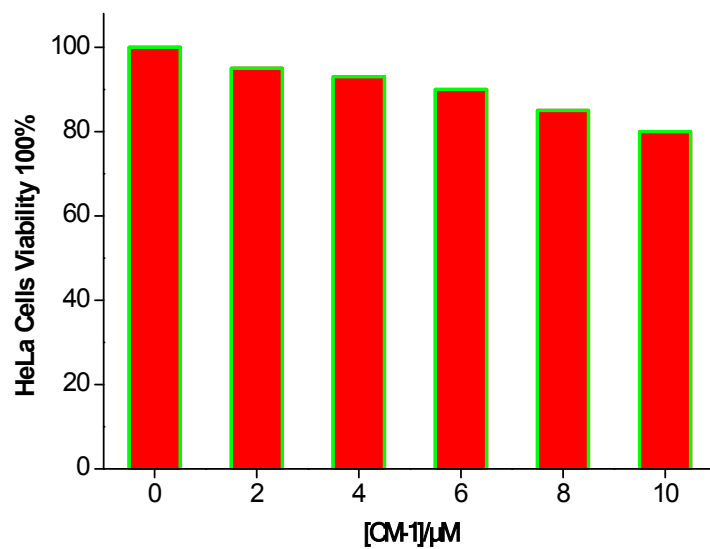
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22 **Fig. S1.** Cytotoxicity of **CM-1** against HeLa cells, as determined by MTT assay:

23 HeLa cells treated with probe (0-10μM)

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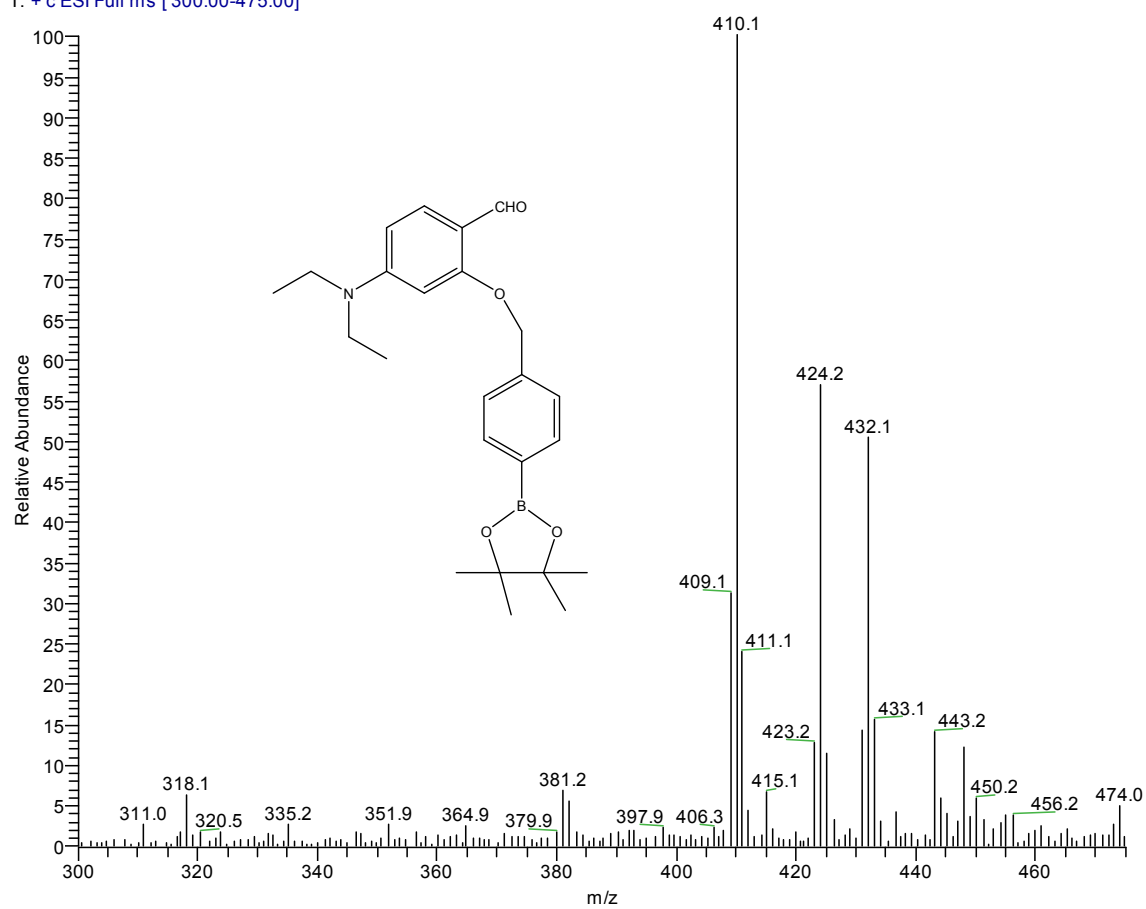
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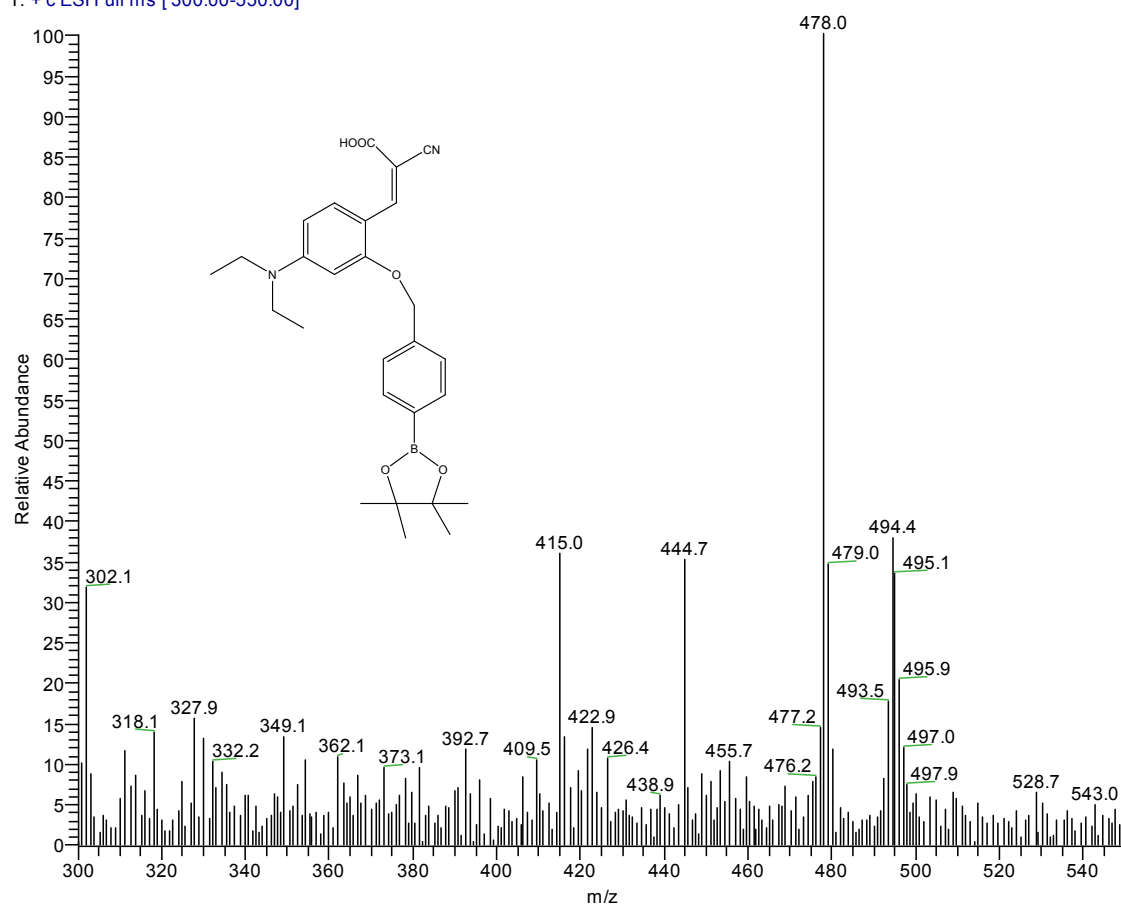
34 ^1H NMR, ^{13}C NMR and MS

18111-ZLY-409 #5 RT: 0.04 AV: 1 NL: 1.18E6
T: + c ESI Full ms [300.00-475.00]

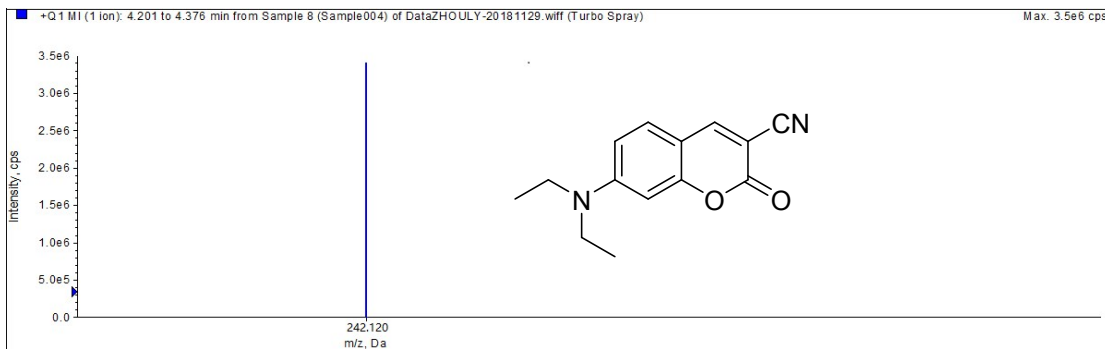


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18111-ZLY-476 #8 RT: 0.08 AV: 1 NL: 4.52E5
T: + c ESI Full ms [300.00-550.00]

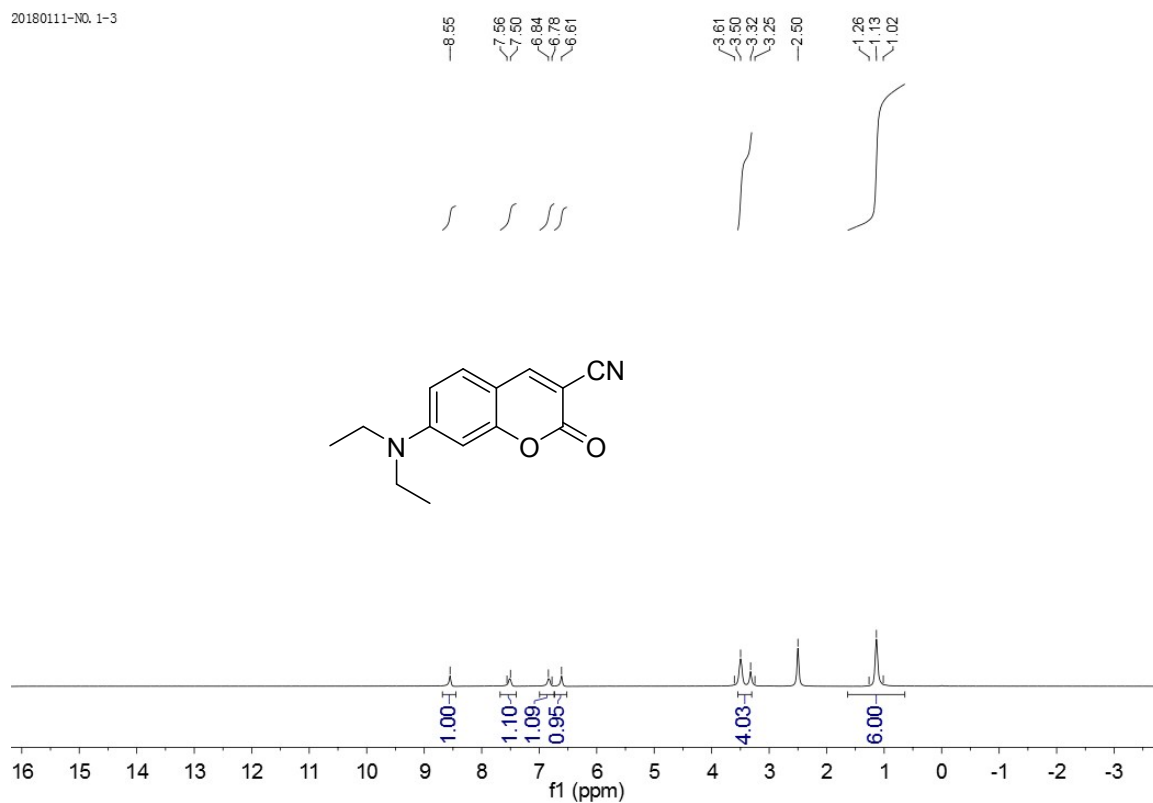
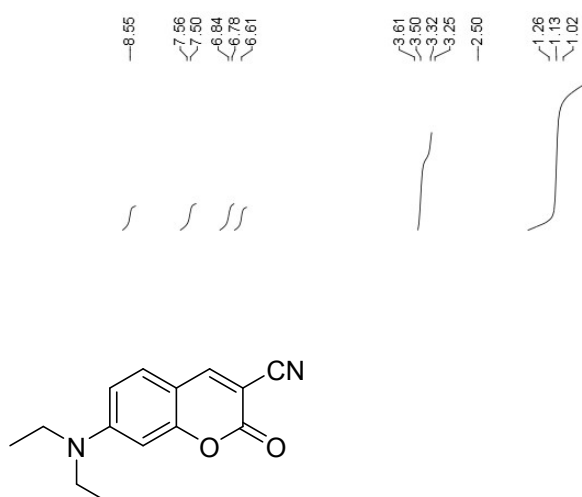


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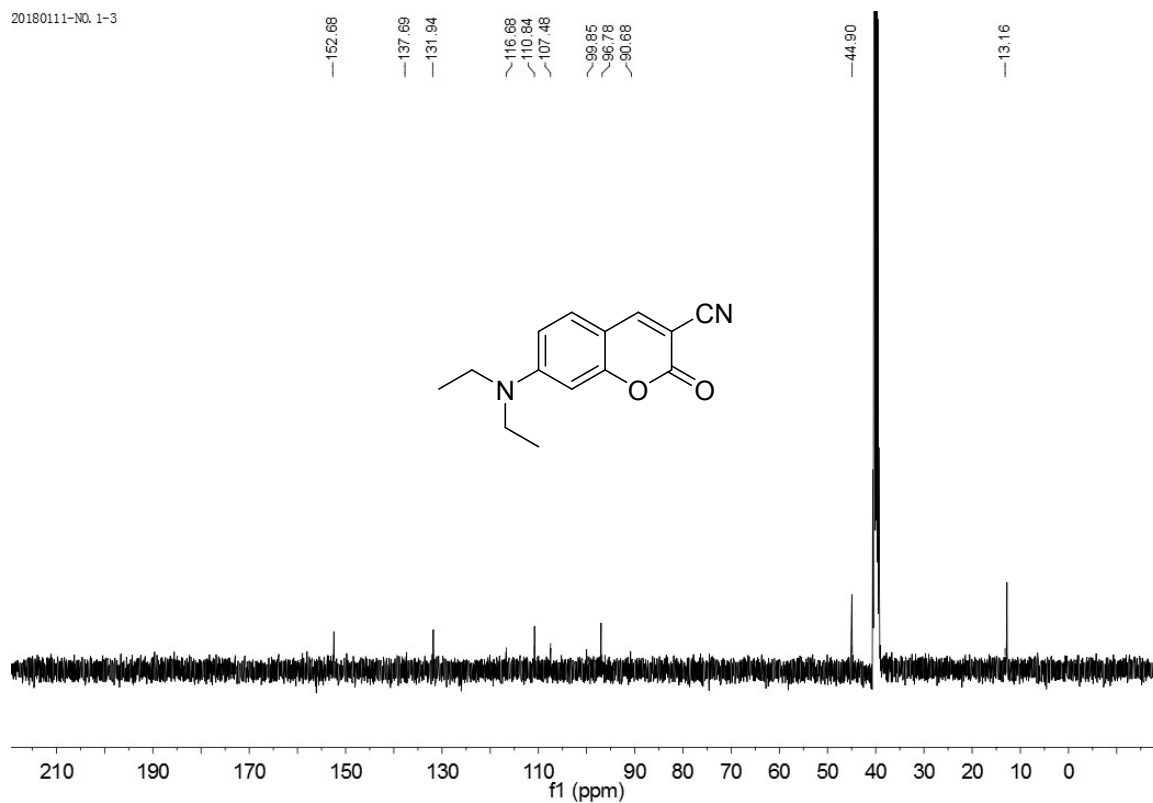
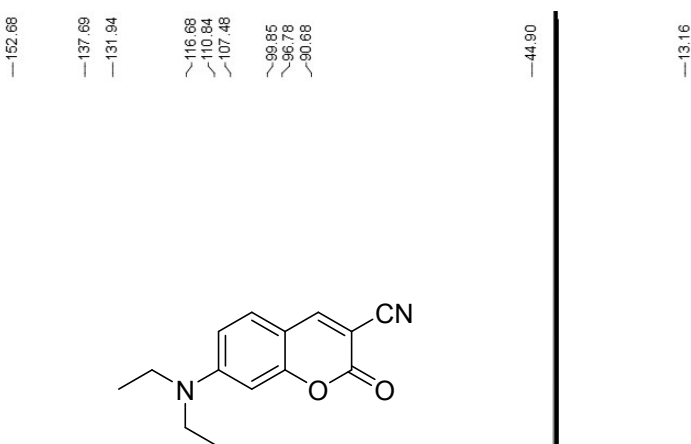
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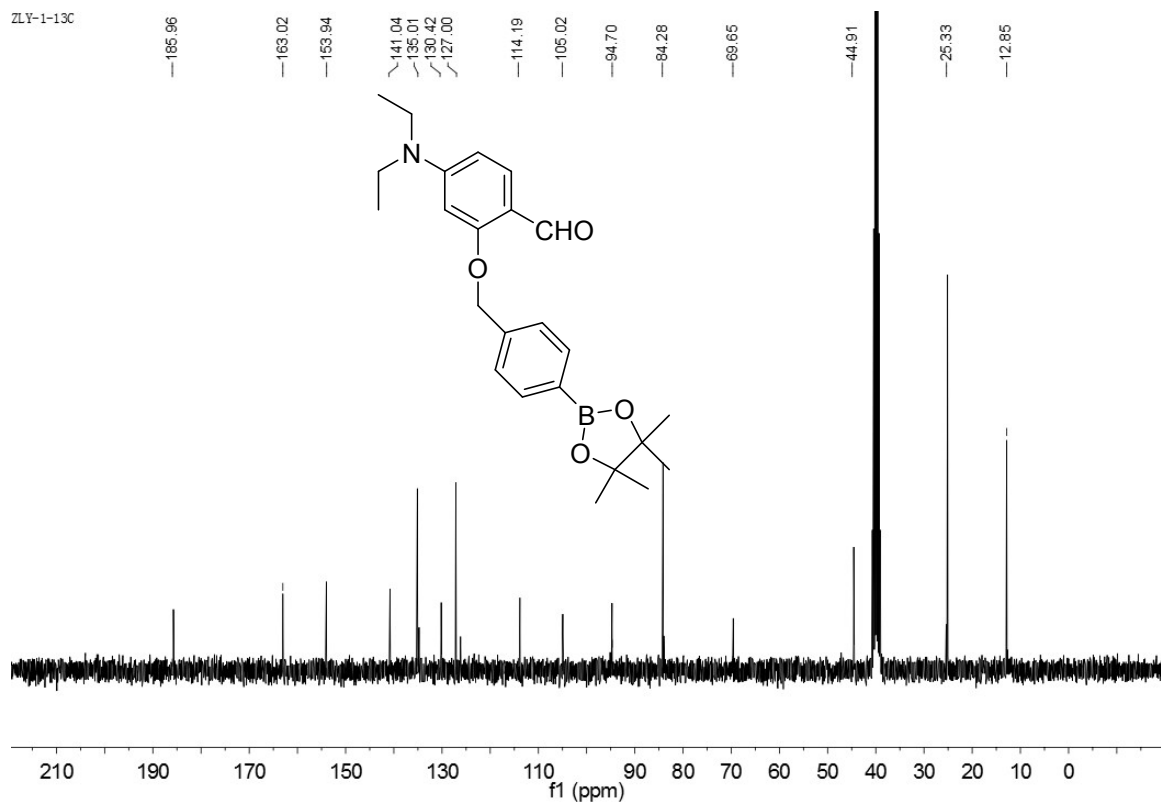
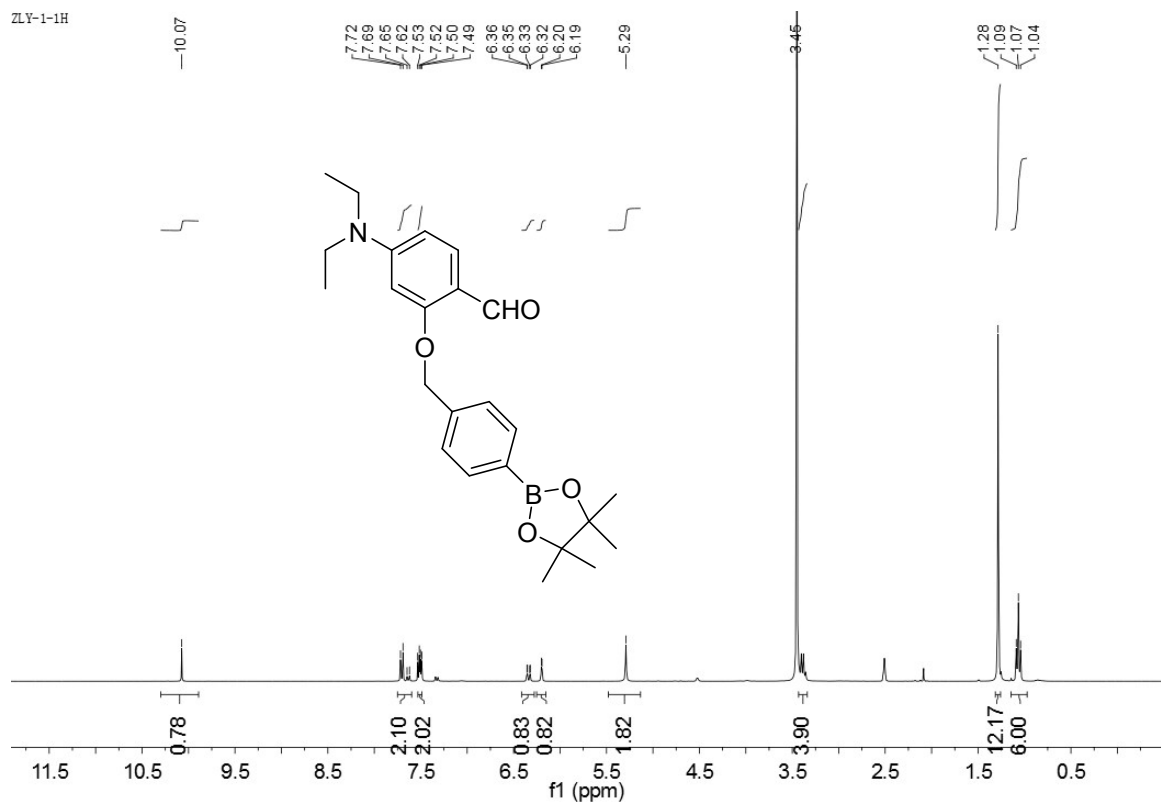
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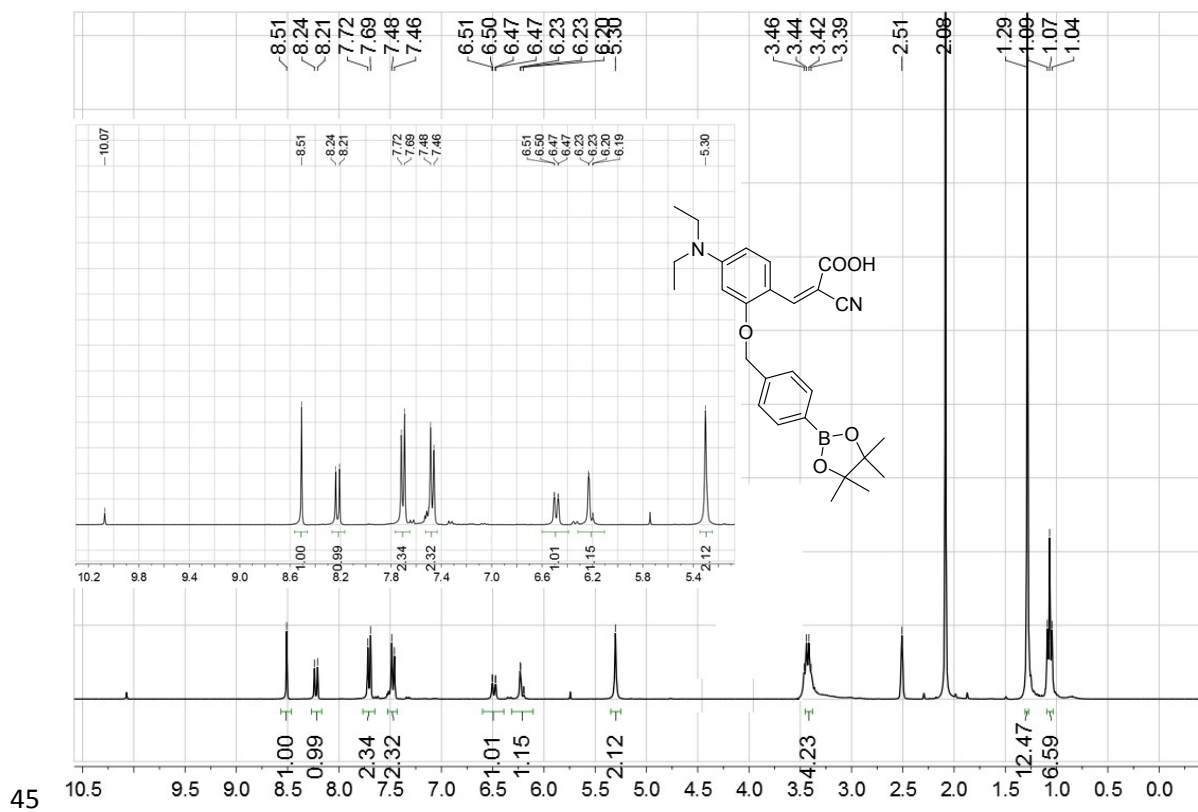
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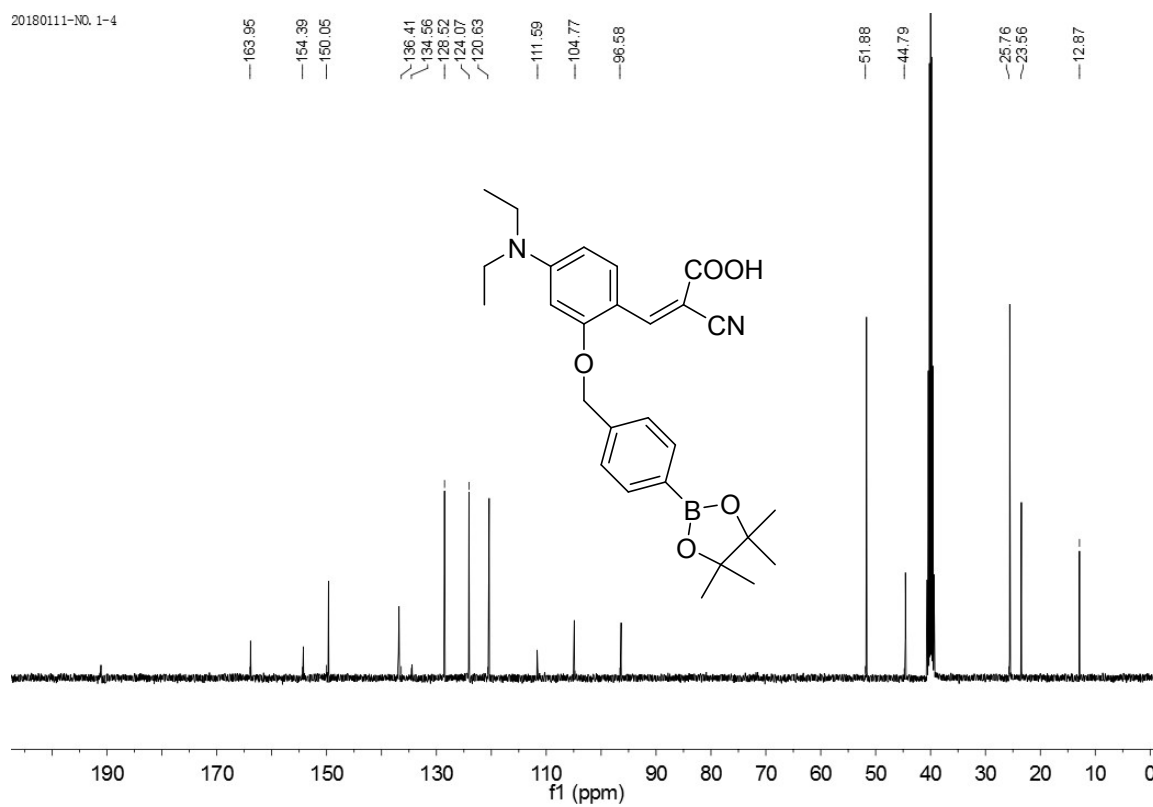


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