

# Synthesis of 3-(2-(substituted-(trifluoromethyl)phenylamino)acetyl)-2H-chromen-2-one derivatives as new anticancer agents

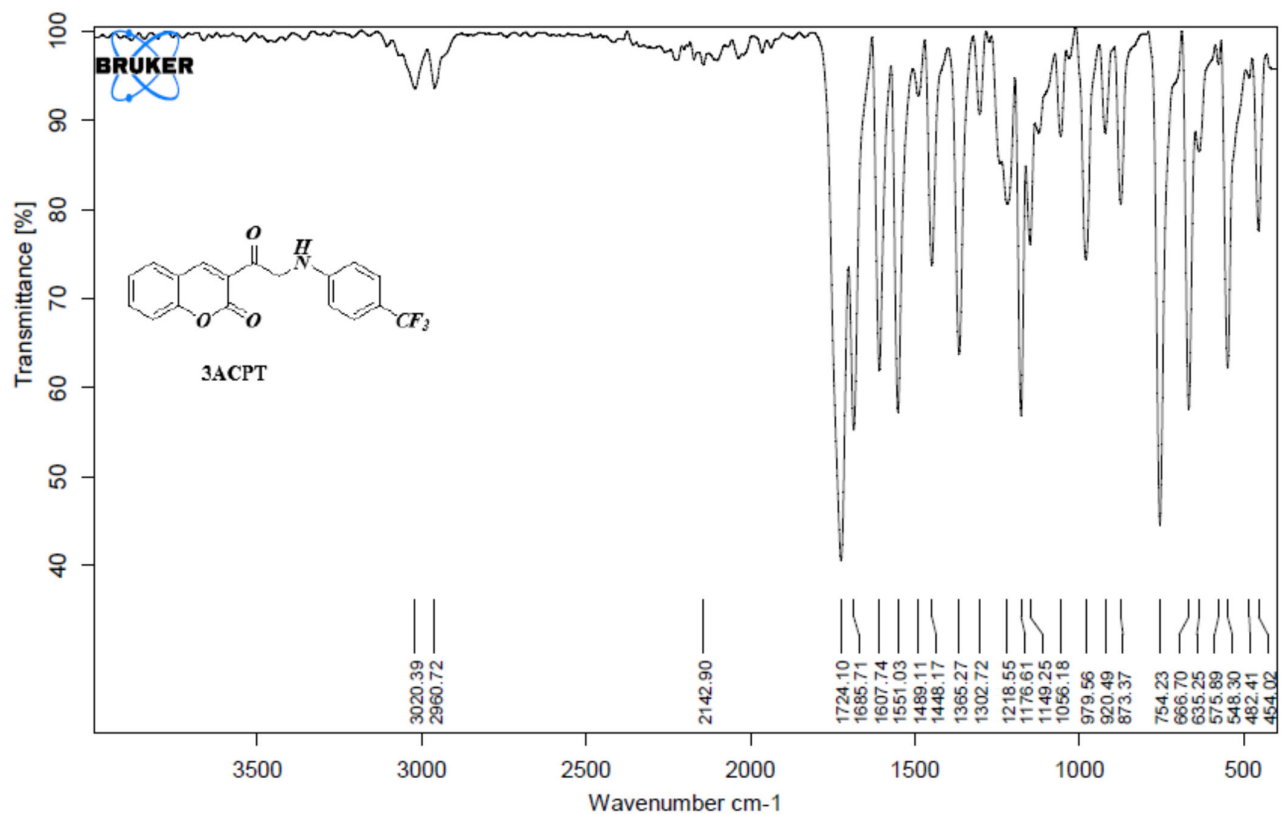
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Advanced Scientific Research Laboratory (ASR LAB.), Department of Chemistry, Abeda Inamdar Senior College of Arts, Science & Commerce, Camp, Pune – 411001

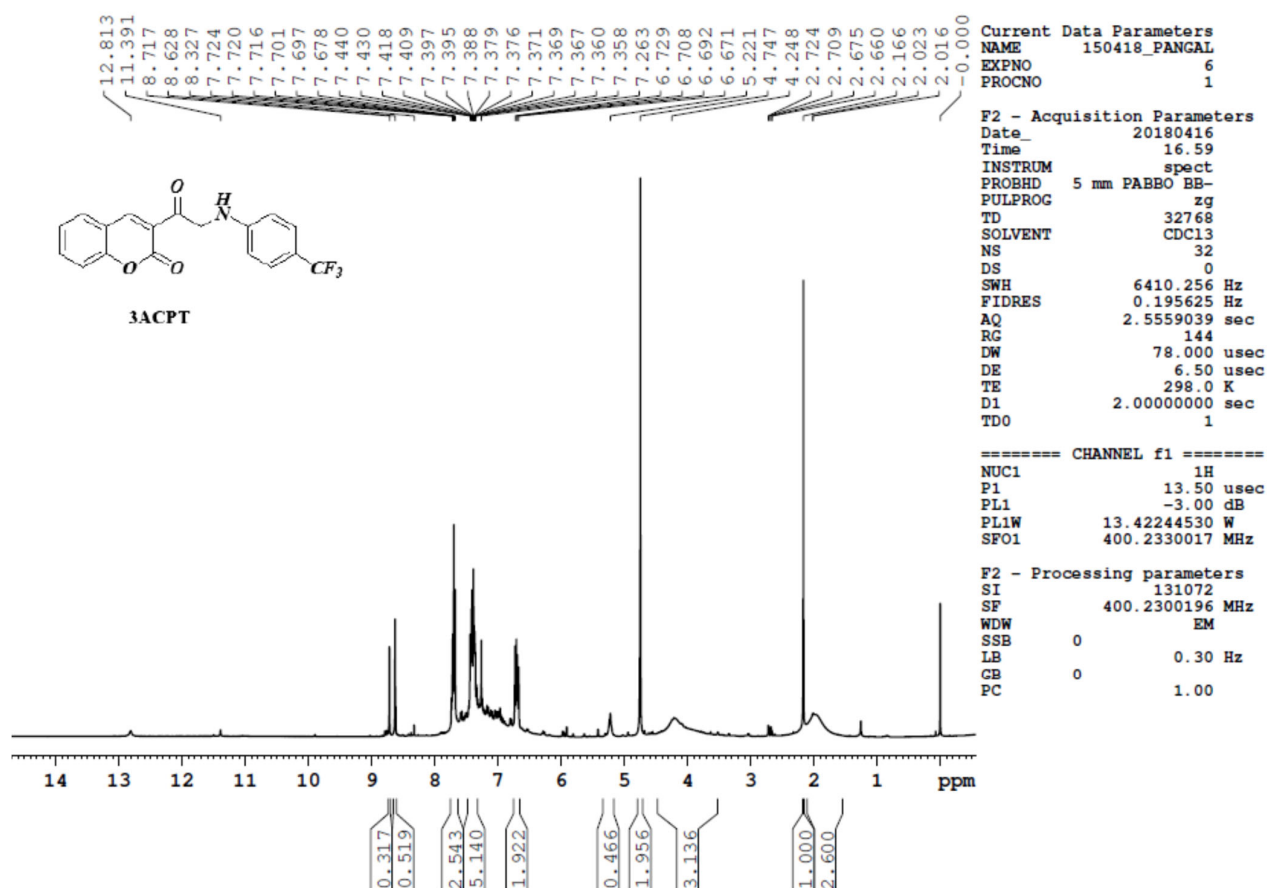
## Supplementary Materials

### 1) 3ACOT

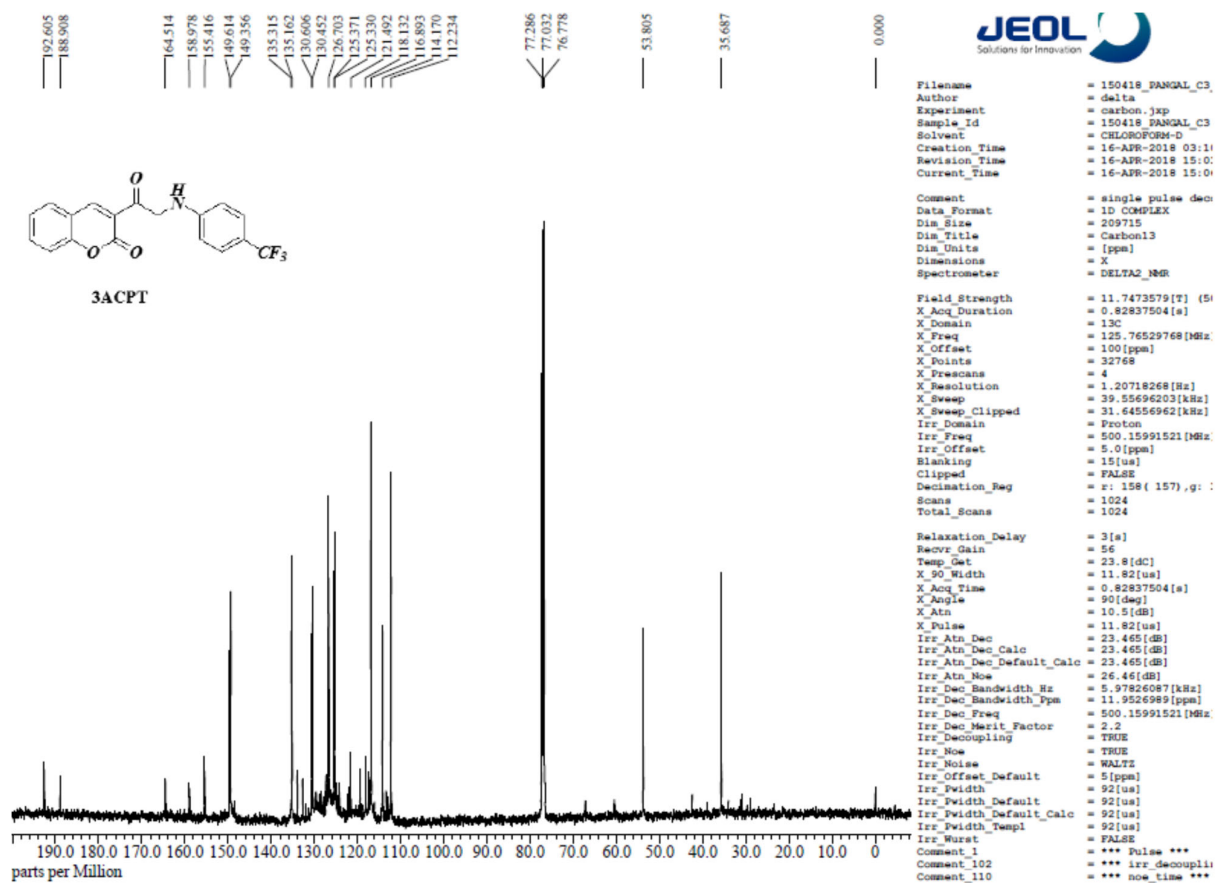
#### a. FTIR:



**b. <sup>1</sup>H-NMR:**

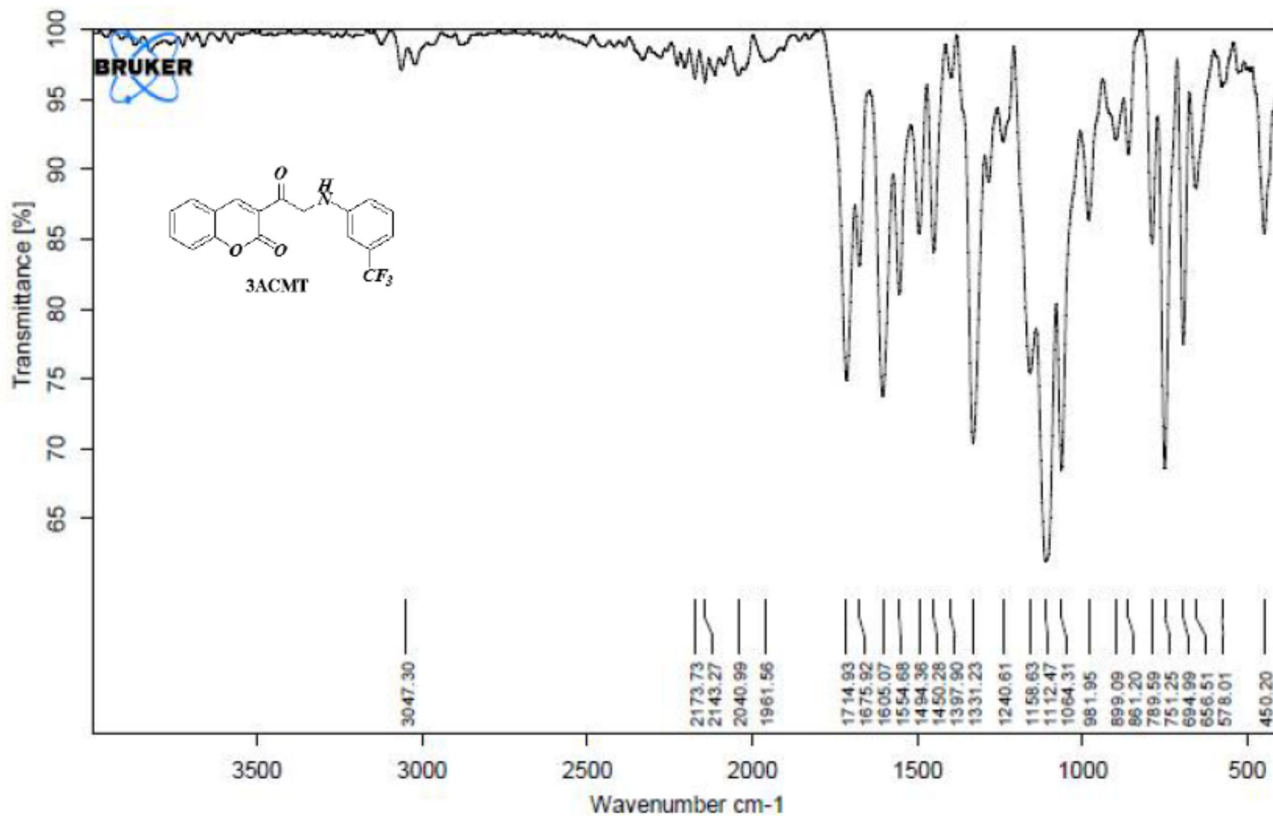


**c. <sup>13</sup>C-NMR:**

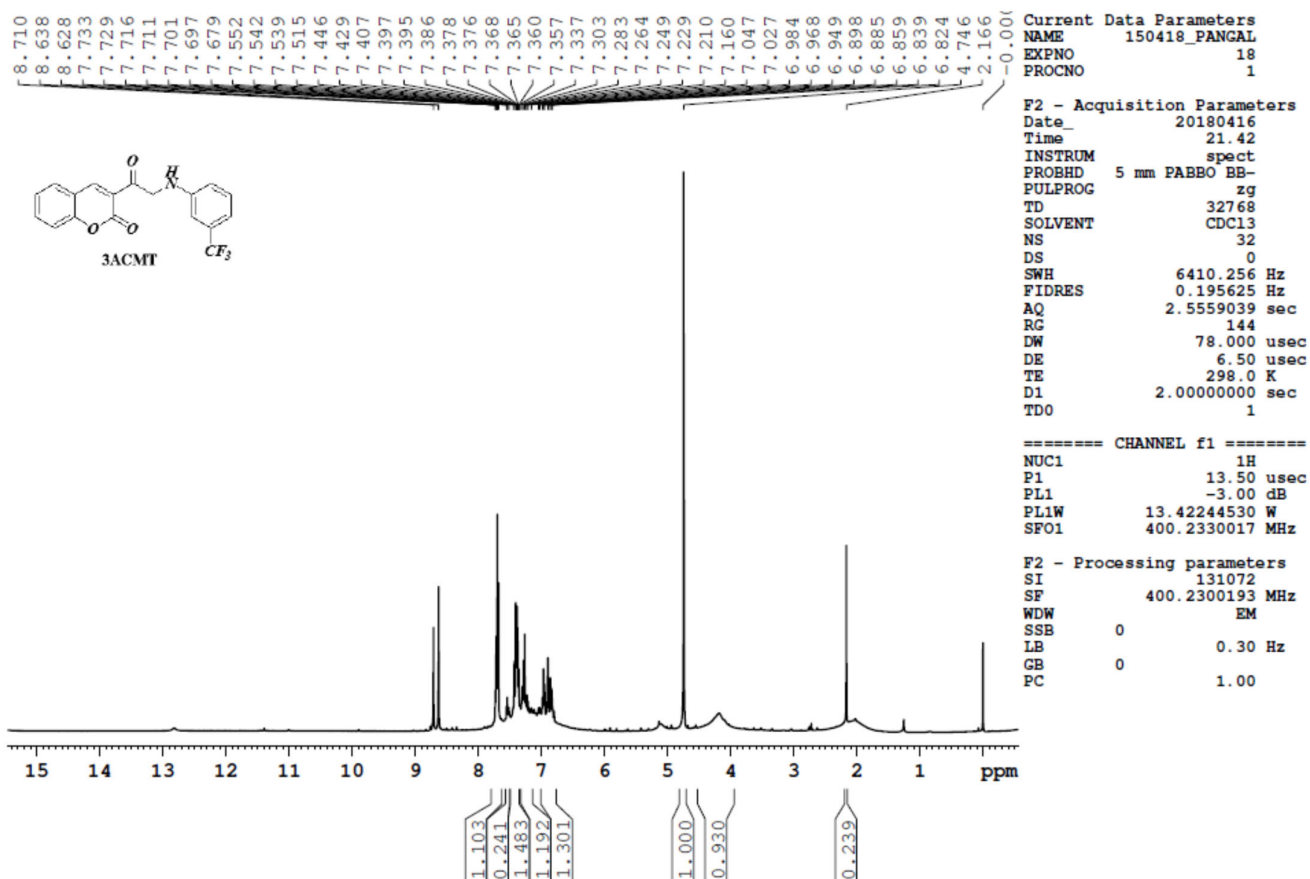


## 2) 3ACMT

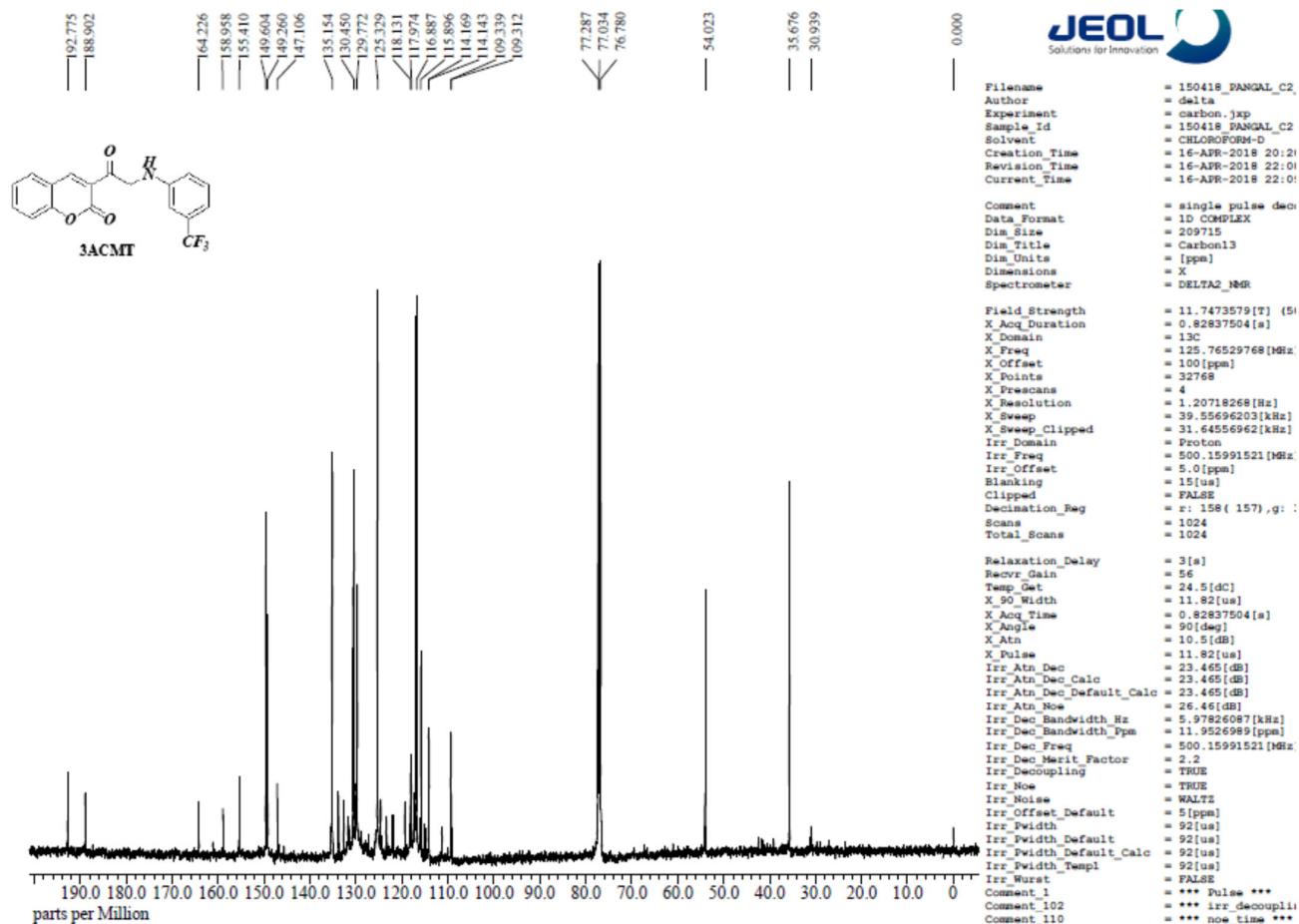
### a. FTIR:



### b. <sup>1</sup>H-NMR:

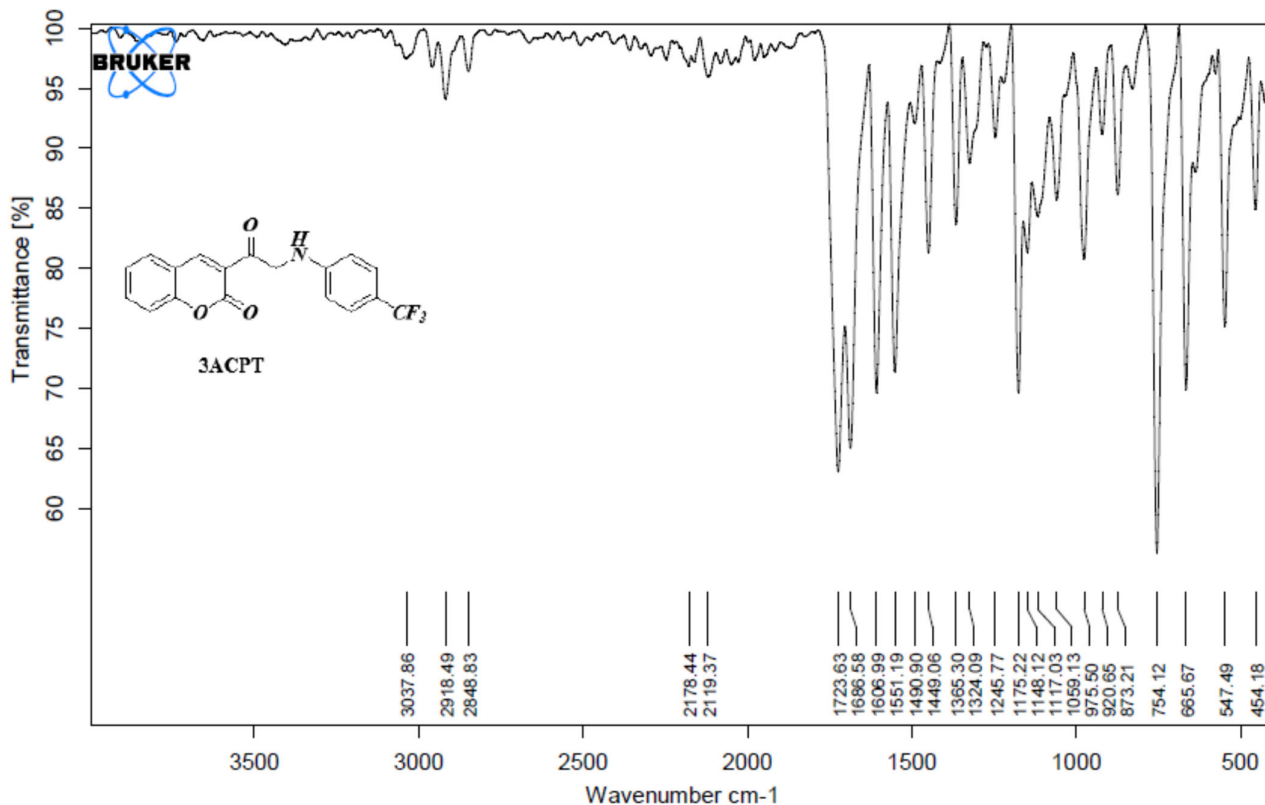


c. <sup>13</sup>C-NMR:



3) 3ACPT

a. FTIR:

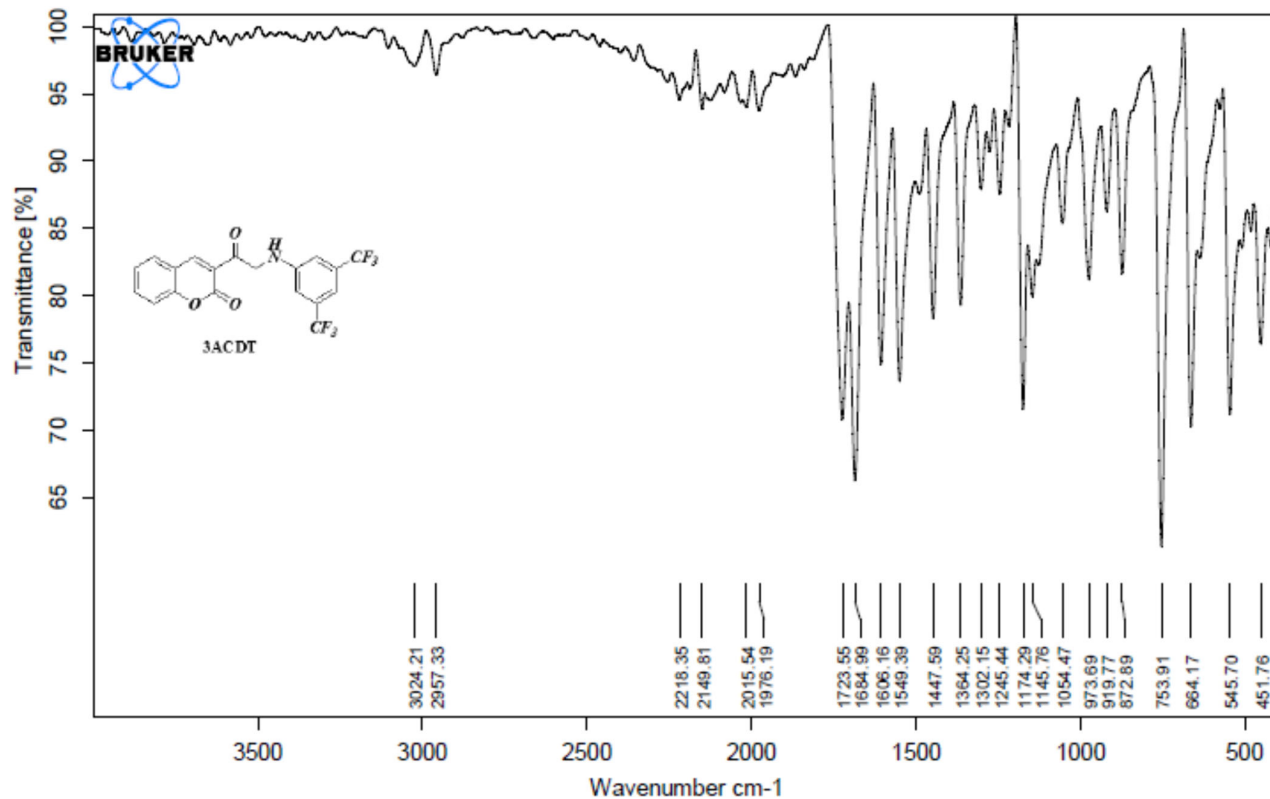




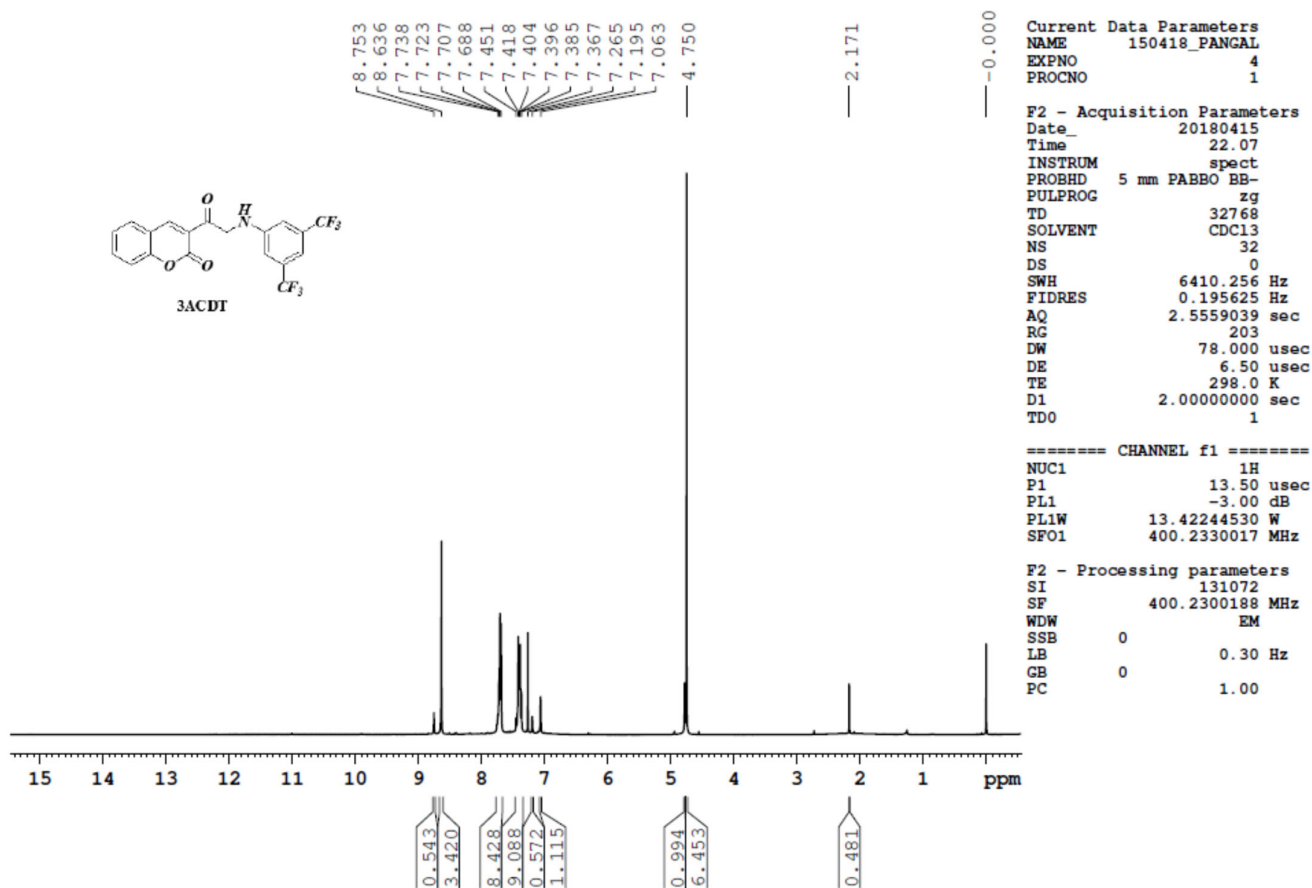


#### 4) 3ACDT

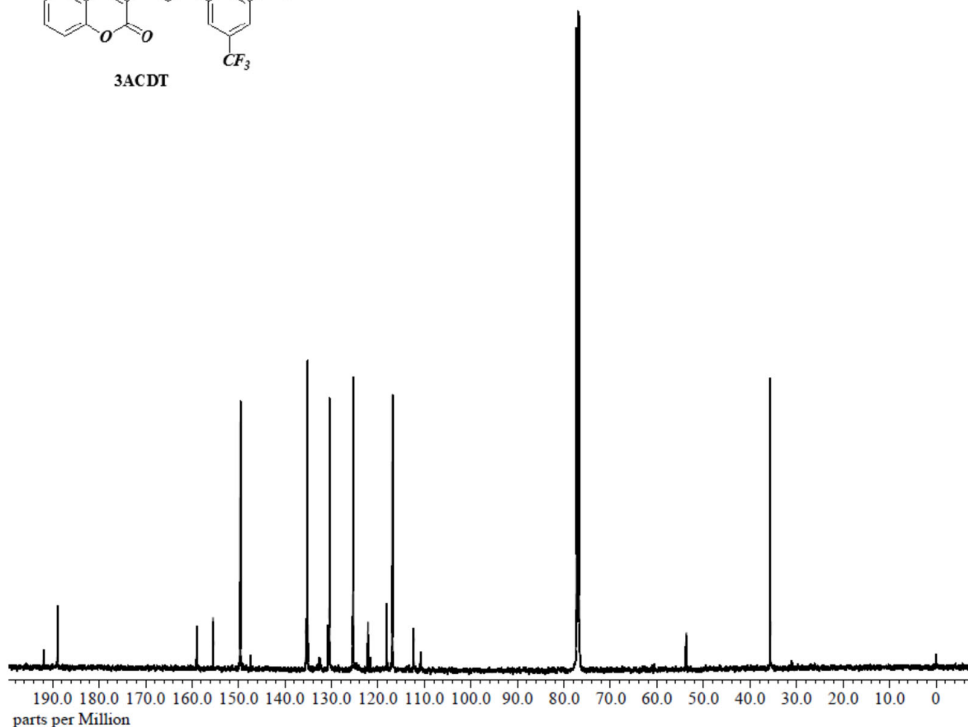
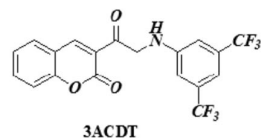
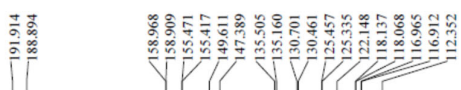
##### a. FTIR:



##### b. <sup>1</sup>H-NMR:



c. <sup>13</sup>C-NMR:



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Author        = delta
Experiment    = carbon_jxp
Sample_Id     = 150418_PANGAL_C4
Solvent       = CHLOROFORM-D
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Revision_Time = 16-APR-2018 14:10
Current_Time  = 16-APR-2018 14:10

Comment       = single pulse decou
Data_Format   = 1D COMPLEX
Dim_Size      = 209715
Dim_Title     = Carbon13
Dim_Units     = [ppm]
Dimensions    = X
Spectrometer  = DELTA2_NMR

Field_Strength = 11.7473579[T] (50
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X_Domain      = 13C
X_Freq        = 125.76529768[MHz]
X_Offset      = 100[ppm]
X_Points      = 92768
X_Prescans    = 4
X_Resolution  = 1.20718268[Hz]
X_Sweep       = 39.556926203[kHz]
X_Sweep_Clipped = 31.64556962[kHz]
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Irr_Freq      = 500.15991521[MHz]
Irr_Offset    = 5.0[ppm]
Blanking      = 15[us]
Clipped       = FALSE
Decimation_Reg = r: 158 ( 157),g: 1
Scans         = 1024
Total_Scans   = 1024

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Recvr_Gain      = 56
Temp_Get        = 24[dc]
X_90_Width     = 11.82[us]
X_Acq_Time     = 0.82837504[s]
X_Angle        = 90[deg]
X_Atn          = 10.5[db]
X_Pulse        = 11.82[us]
Irr_Atn_Dec    = 23.465[db]
Irr_Atn_Dec_Calc = 23.465[db]
Irr_Atn_Dec_Default_Calc = 23.465[db]
Irr_Atn_Noise = 26.46[db]
Irr_Dec_Bandwidth_Hz = 5.97826087[kHz]
Irr_Dec_Bandwidth_Ppm = 11.9526989[ppm]
Irr_Dec_Freq   = 500.15991521[MHz]
Irr_Dec_Merit_Factor = 2.2
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Irr_Noise     = WALTZ
Irr_Offset_Default = 5[ppm]
Irr_Pwidth    = 92[us]
Irr_Pwidth_Default = 92[us]
Irr_Pwidth_Default_Calc = 92[us]
Irr_Pwidth_Templ = 92[us]
Irr_Wurst     = FALSE
Comment_1     = *** Pulse ***
Comment_102   = *** irr_decoupli
Comment_110   = *** noe_time ***
    
```

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