3,5-bis((*E*)-4-methoxybenzylidene)-1-(2-morpholinoethyl)piperidin-4-one

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Figure 1. ^{1}H NMR Spectra of Compound 3

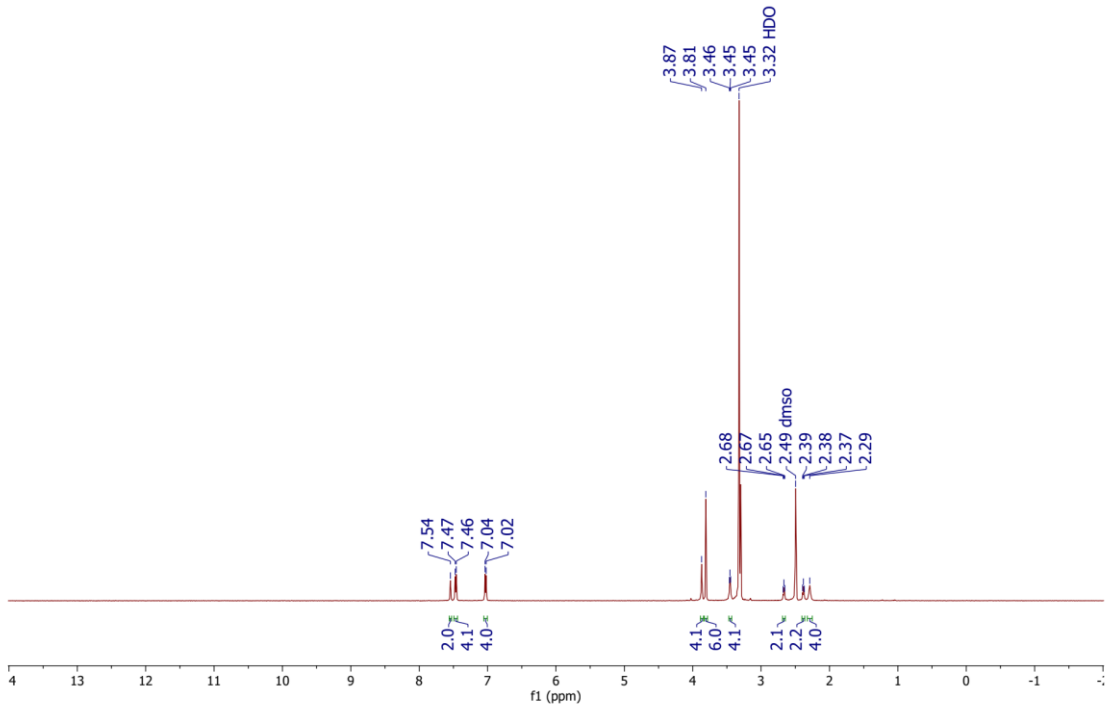


Figure 2. ^{13}C NMR Spectra of Compound 3

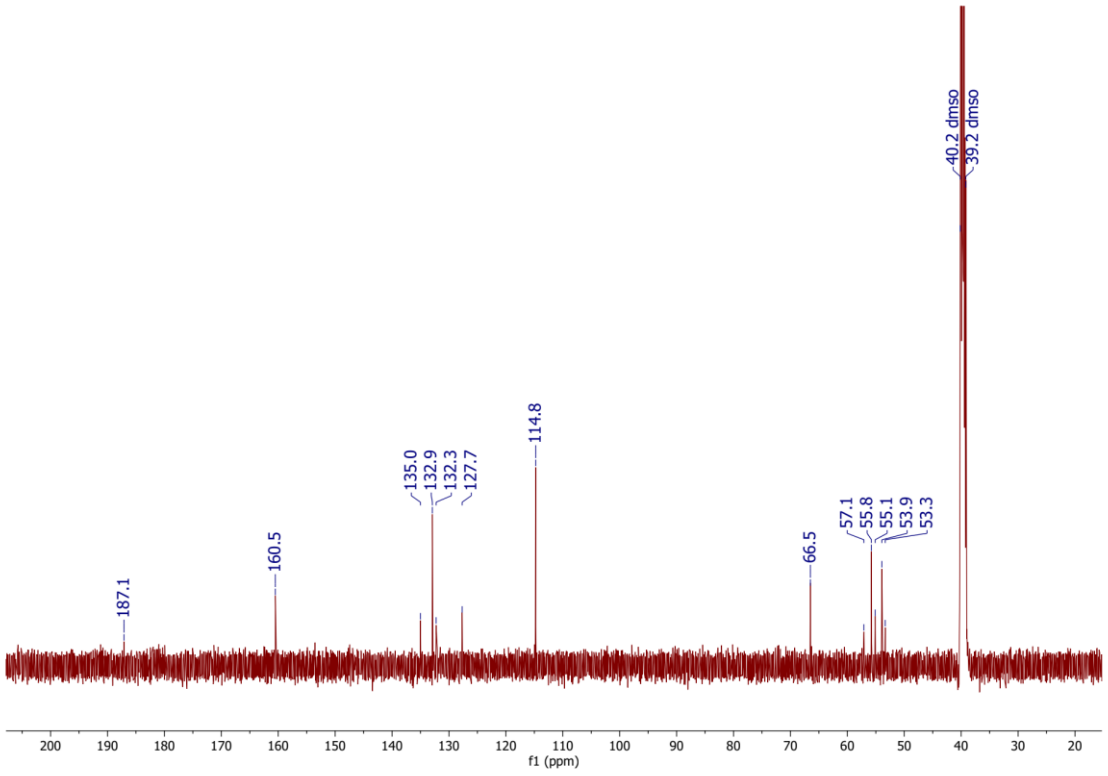
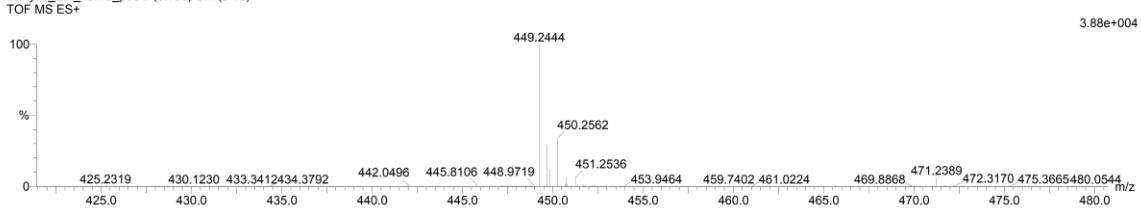


Figure 3. HRMS Spectra of Compound 3

Elemental Composition Report **Page 1**

Single Mass Analysis
Tolerance = 5.0 mDa / DBE: min = -1.5, max = 50.0
Element prediction: Off
Number of isotope peaks used for i-FIT = 3

Monoisotopic Mass, Even Electron Ions
1706 formula(e) evaluated with 14 results within limits (up to 5 closest results for each mass)
Elements Used:
C: 0-500 H: 0-1000 N: 0-200 O: 0-200
BuTyas_EM_40ME_pos 9 (0.136) Cm (8:10)
TOF MS ES+



Minimum:				-1.5			
Maximum:		5.0	10.0	50.0			
Mass	Calc. Mass	mDa	PPM	DBE	i-FIT	i-FIT (Norm)	Formula
449.2444	449.2445	-0.1	-0.2	5.5	141.5	10.8	C12 H29 N14 O5
	449.2440	0.4	0.9	12.5	132.7	2.0	C27 H33 N2 O4
	449.2454	-1.0	-2.2	17.5	130.9	0.1	C28 H29 N6
	449.2432	1.2	2.7	0.5	141.9	11.1	C11 H33 N10 O9
	449.2459	-1.5	-3.3	-0.5	140.6	9.9	C15 H37 N4 O11

Figure 4. FTIR Spectra of Compound 3

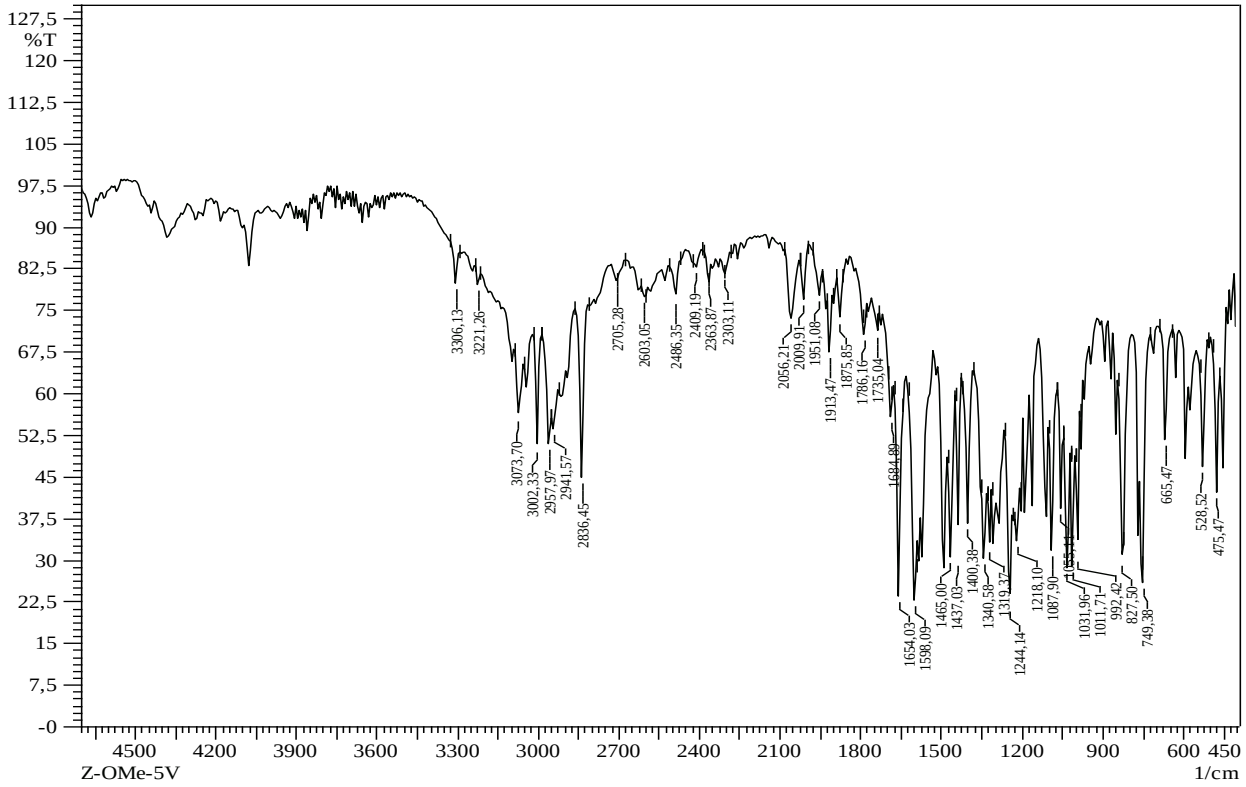


Figure 5. UV Spectra of Compound 3