

One Pot Synthesis of Unusual Meso-Dipyrrinyl Corrole

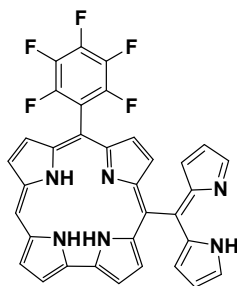
Laxman Vamshi Krishna Kandala, Tejinder Kaur, Mangalampalli Ravikanth*

Department of Chemistry, Indian Institute of Technology Bombay, Powai,

Mumbai 400076, India. Email: ravikanth@chem.iitb.ac.in

Supporting Information

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Molecular formula: $C_{34}H_{19}F_5N_6$ $[M+H]^+$ formula: $C_{34}H_{20}F_5N_6$

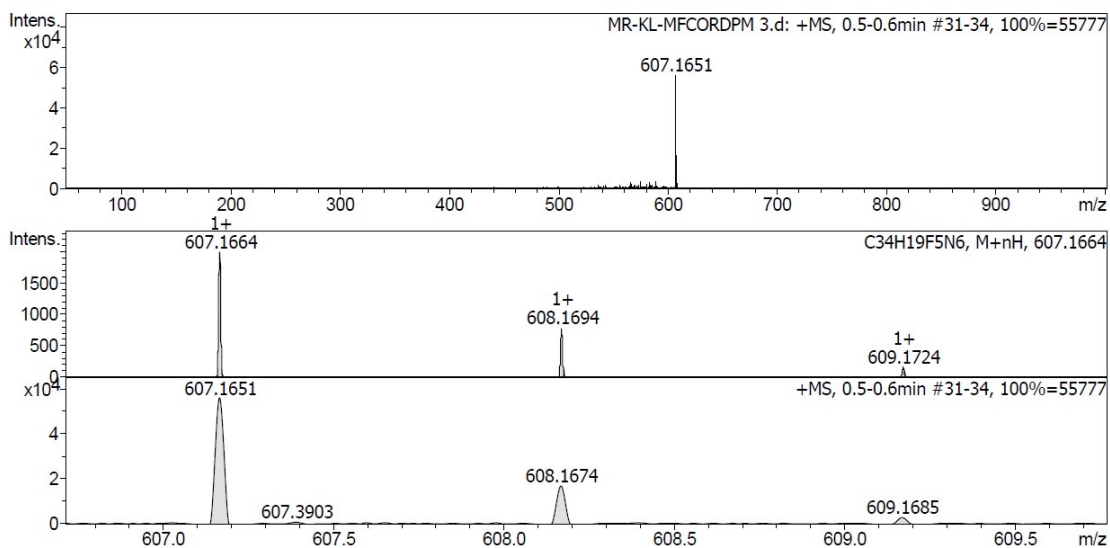
Calculated mass for $[M+H]^+$: $m/z = 607.1664$

Experimental mass for $[M+H]^+$: $m/z = 607.1651$

DEPARTMENT OF CHEMISTRY, I.I.T.(B)

Analysis Info		Acquisition Date	
Analysis Name	D:\Data\DEC-16\MR-KL-MFCORDPM 3.d	12/30/2016	11:09:16 AM
Method	Tune_pos_NAICSI-1000.m	Operator	cpr in
Sample Name	MR-KL-MFCORDPM 3	Instrument	maXis impact 282001.00081
Comment	C34H19F5N6		

Acquisition Parameter			
Source Type	ESI	Ion Polarity	Positive
Focus	Active	Set Capillary	4500 V
Scan Begin	50 m/z	Set End Plate Offset	-500 V
Scan End	1000 m/z	Set Collision Cell RF	600.0 Vpp
		Set Nebulizer	0.3 Bar
		Set Dry Heater	180 °C
		Set Dry Gas	4.0 l/min
		Set Divert Valve	Source



Meas. m/z	#	Ion Formula	m/z	err [ppm]	mSigma	# Sigma	Score	rdb	e ⁻ Conf	N-Rule
607.1651	1	C ₃₄ H ₂₀ F ₅ N ₆	607.1664	-2.1	48.5	1	100.00	25.5	even	ok

Figure S1: HRMS of compound 1 with simulated mass pattern.

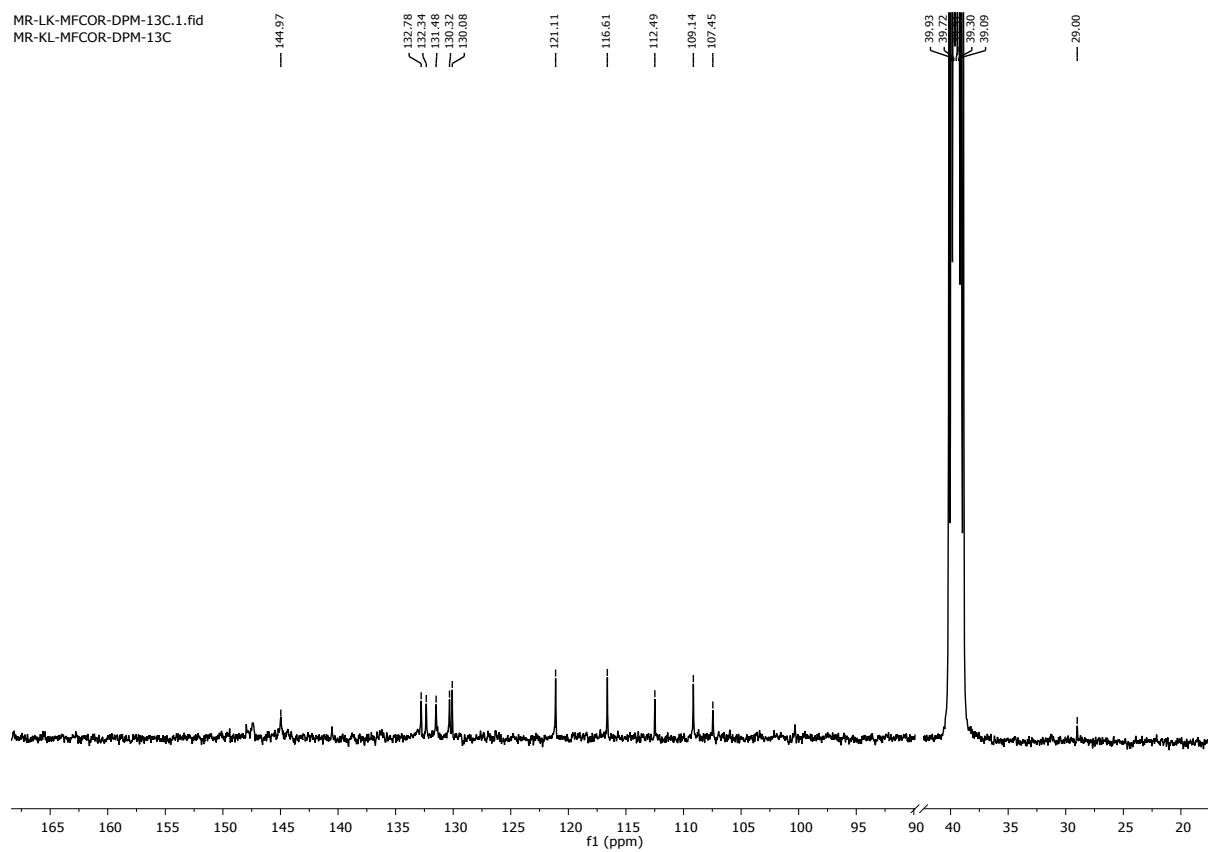


Figure S2: ^{13}C NMR of compound **1**