Modification of multiwall carbon nanotubes with ruthenium drug candidate - indazolium [tetrachlorobis(1H-indazole)ruthenate(III)] (KP1019)

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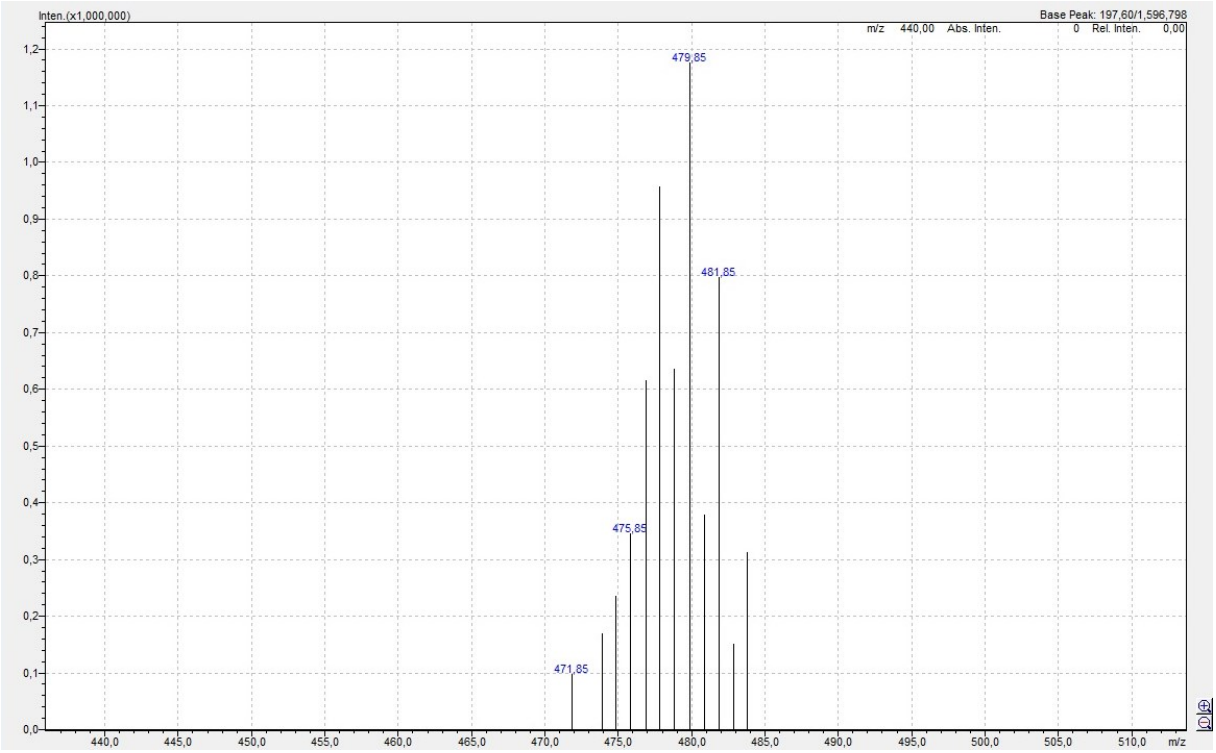

Figure S1. Negative ion ESI mass spectra of $[RuCl_4(In)_2]^-$ (*m/z* 479.85) for filtrate of MWCNTs-Ru (**3**).

Crystallographic parameters for ruthenium

Crystal system:	Hexagonal
Space group:	P63/mmc
Space group number:	194

a (A):	2.7058
b (A):	2.7058
c (A):	4.2819
Alpha (°):	90.0000
Beta (°):	90.0000
Gamma (°):	120.0000

Calculated density (g/cm^3):	12.44
Measured density (g/cm^3):	12.20
Volume of cell (10^6 pm^3):	27.15
Z:	2.00

References

Primary reference: *Natl. Bur. Stand. (U.S.), Circ. 539*, **IV**, 5, (1955)

Powder data: *Am. Mineral.*, **61**, 177, (1976)

Peak list

No.	h	k	l	d [A]	2Theta[deg]	I [%]
1	1	0	0	2.34300	38.388	40.0
2	0	0	2	2.14200	42.153	35.0
3	1	0	1	2.05600	44.007	100.0
4	1	0	2	1.58080	58.325	25.0
5	1	1	0	1.35300	69.407	25.0
6	1	0	3	1.21890	78.390	25.0
7	2	0	0	1.17150	82.224	6.0
8	1	1	2	1.14340	84.705	25.0
9	2	0	1	1.12990	85.960	20.0
10	0	0	4	1.07050	92.038	4.0
11	2	0	2	1.02780	97.088	8.0
12	1	0	4	0.97380	104.563	6.0
13	2	0	3	0.90560	116.553	16.0
14	2	1	0	0.88570	120.849	6.0
15	2	1	1	0.86730	125.286	25.0
16	1	1	4	0.83950	133.147	18.0
17	2	1	2	0.81850	140.478	10.0
18	1	0	5	0.80430	146.562	16.0

Stick Pattern