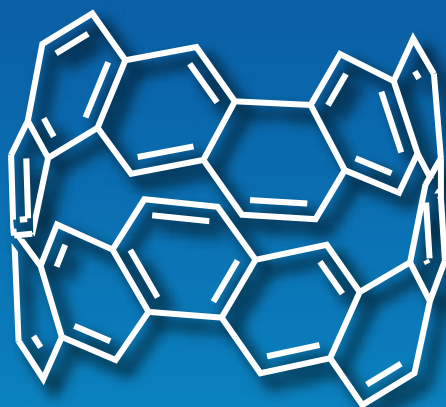
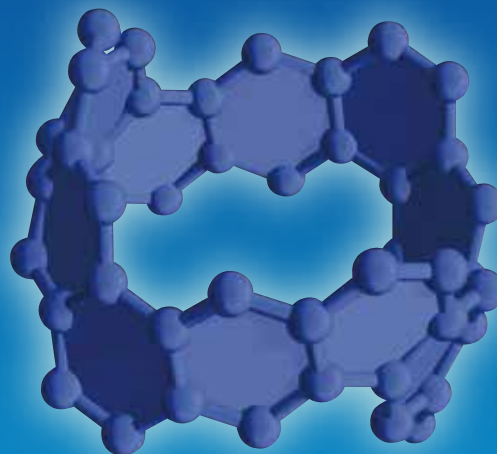


Next-Generation Carbon Material with Infinite Potential (6,6)Carbon Nanobelt



(6,6)Carbon Nanobelt
Bis(tetrahydrofuran) Adduct

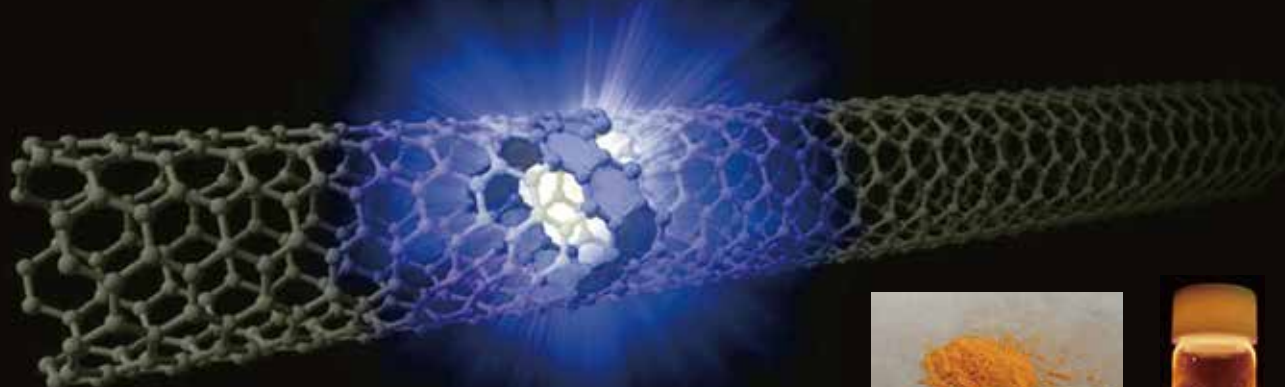
10mg
[1078]



Advantages

- New carbon material synthesized for the first time in 2017 after over 60 years of challenges.
- Rigid belt structure with 12 fully fused benzene rings
- Partial structure of armchair-type carbon nanotube (CNT)
- (6,6)Carbon Nanobelt has properties similar to (6,6)CNT
- Red light emission: $\lambda_{em} = 630$ nm
($\lambda_{ex} = 500$ nm in CH_2Cl_2)

Highlighted in Nature, SPOTLIGHT 06 December 2017

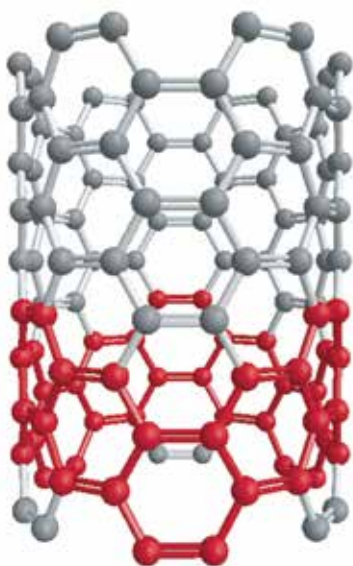


G. Povie, Y. Segawa, T. Nishihara, Y. Miyauchi, K. Itami, *Science* **2017**, 356, 172.

This product has been commercialized under the instruction of Prof. Kenichiro Itami and Assoc. Prof. Yasutomo Segawa.

Nanocarbon Unit Structures

Carbon nanotube unit structure



Carbon Nanobelt



Cycloparaphenylene

Fullerene unit structure

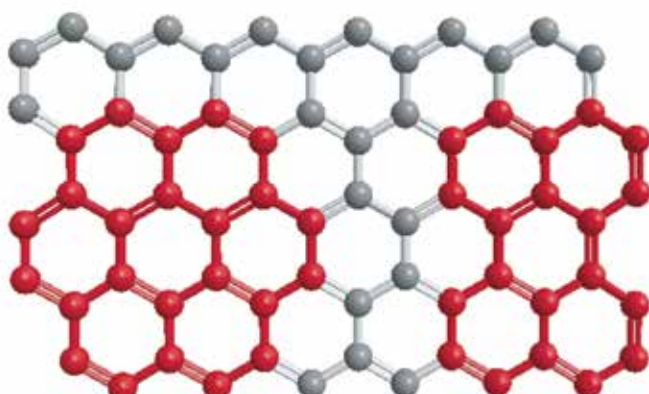


Corannulene



Truxene

Graphene unit structure



Coronene

Perylene

Related Products

[5]Cycloparaphenylene

[6]Cycloparaphenylene

[12]Cycloparaphenylene

Sumanene

Corannulene

Truxene

Coronene (purified by sublimation)

Perylene (purified by sublimation)

20mg / 100mg [C2931]

20mg [C3386]

10mg [C2449]

20mg / 100mg [S0888]

20mg / 100mg [C2572]

100mg / 1g [T2752]

100mg / 500mg [C1961]

1g [P1629]

For further information please refer to our website at www.TCIchemicals.com. ▶▶▶

TCI nanocarbon



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