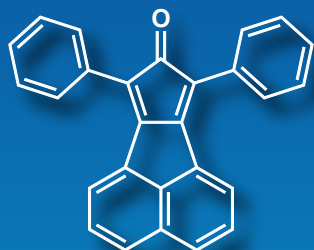


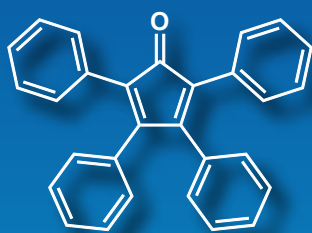
# Cyclopentadienone-type Building Blocks for Multi-substituted Acenes



7,9-Diphenyl-8H-cyclopenta-  
[a]acenaphthylen-8-one

1g / 5g

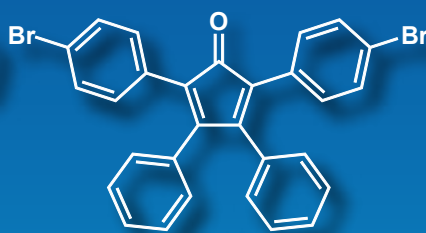
**New** [D6039]



Tetraphenyl-  
cyclopentadienone

5g / 25g

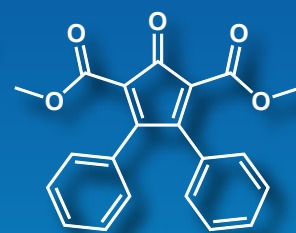
[T1062]



2,5-Bis(4-bromophenyl)-  
3,4-diphenylcyclopenta-  
2,4-dienone

1g / 5g

[B5987]



2,5-Bis(methoxycarbonyl)-  
3,4-diphenyl-  
cyclopentadienone

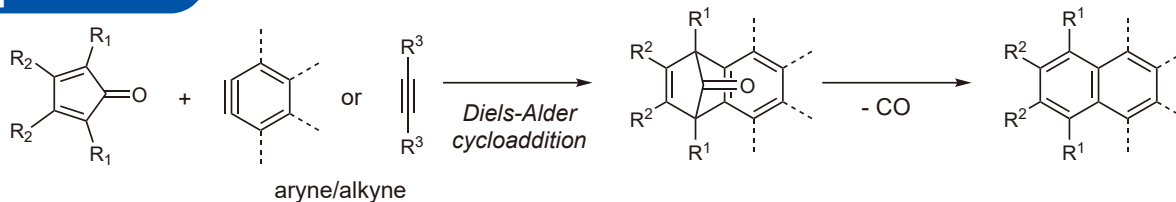
1g / 5g

[B1962]

## Advantages

- Highly reactive with various dienophiles
- Can be converted to multi-substituted acenes by Diels-Alder cycloaddition with arynes or alkynes and subsequent decarbonylative aromatization

## Application



**Reference** D. Rodríguez-Lojo, D. Pérez, D. Peña, E. Guitián, *Chem. Commun.* **2015**, 51, 5418. <https://doi.org/10.1039/C5CC00205B>

See more information for  
Building Blocks  
<https://bit.ly/3odPG96>



See more information for  
Aryne Precursors  
<https://bit.ly/3PC923n>



See more information for  
Alkynes  
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