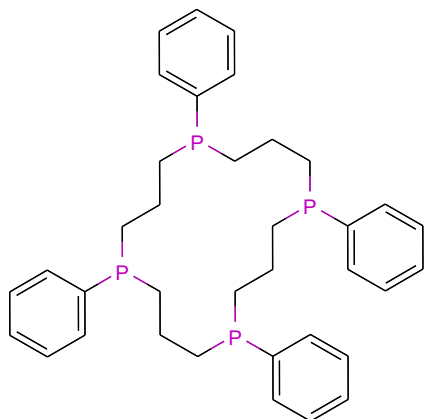


```
• using BenchmarkTools, MolecularGraph
```

```
mol1 =
```

```
GraphMol([Dict{44 => 40, 8 => 8, 1 => 2}, Dict{7 => 7, 2 => 3, 1 => 1}, Dict{2 => 2, 3 =>
```

```
• mol1 = smilestomol("P1(c2ccccc2)CCCP(c3ccccc3)CCCP(c4ccccc4)CCCP(c5ccccc5)CCC1")
```



```
• HTML(drawsvg(mol1, 250, 250))
```

```
access_arom_from_struct (generic function with 1 method)
```

```
• function access_arom_from_struct(mol::GraphMol)::Vector{Bool}  
•     return [bond.isaromatic for bond in mol.edgeattrs]  
• end
```

```
[false, false, false, false, false, false, false, false, false, false, false, false,
```

```
• @btime access_arom_from_struct(mol1)
```

```
66.191 ns (1 allocation: 96 bytes) ?
```

```
BitVector: [false, true, true, true, true, true, true, false, false, false, false, false, t
```

```
• @btime isaromaticbond(mol1)
```

```
3.954 ms (20117 allocations: 4.93 MiB) ?
```

```
• begin  
•     mol1a = deepcopy(mol1)  
•     precalculate!(mol1a)  
• end;
```


BitVector: [true, true, true, true, true, true, true, true, true, true, true, true, true, t

• @btime isaromaticbond([mol2a](#))

18.100 μ s (389 allocations: 36.09 KiB) ?