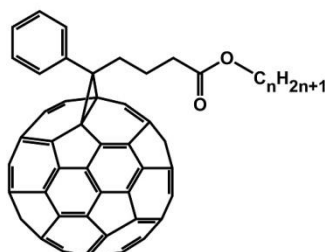




Product information: [60]PCB-Cn



The PCB-Cn molecules are more soluble than [60]PCBM. This can be desirable for systems where [60]PCBM cannot easily be dissolved at the desired concentration, or where it gives too much phase separation between the conducting polymer and the fullerene derivative.

At Solenne, we can produce a large number of these PCB-Cn derivatives. Currently, we have the following derivatives available:

| | | |
|------------|--------------------|-----|
| [60]PCBE | ethyl ester | n=2 |
| [60]PCBB | butyl ester | n=4 |
| [60]PCBiB | isobutyl ester | n=4 |
| [60]PCBH | hexyl ester | n=6 |
| [60]PCBEH | 2-ethylhexyl ester | n=8 |
| [60]PCB-C8 | octyl ester | n=8 |

The purity of these derivatives is usually determined by the purity of the alcohol used in making these compounds. For most derivatives, the purity is >99%. Details about the analysis are available upon request.