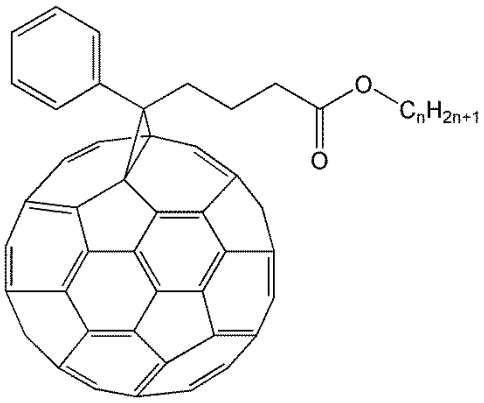
[60]PCB-Cn



The [60]PCB-C_n compounds are more soluble than [60]PCBM. This can be desirable for systems where [60]PCBM cannot be dissolved at the desired concentration, or where it gives to much phase-separation in the blend with the conducting polymer.

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

[60]PCBE	ethyl ester	n = 2
[60]PCBB (PCB-C4)	butyl ester	n = 4 (n-butyl)
[60]PCBiB	isobutyl ester	n = 4 (iso-butyl or 2-methylpropyl)
[60]PCBH	hexyl ester	n = 6 (n-hexyl)
[60]PCB-C8	octyl ester	n = 8 (n-octyl)
[60]PCBEH	2-ethylhexyl ester	n = 8 (2-ethylhexyl)

The prices for all these derivatives are the same!

The purity of these compounds is mainly determine by the purity of the alcohol that is used in the synthesis. For most of these [60]PCB-C_n derivatives the purity by HPLC is >99%.

Certificates of analysis are always available. Analytical details are provided upon request. Purity values are by HPLC analysis (360 nm).

CAS numbers:	n = 4	571177-66-7	[60]PCB-C_4 >99%
	n = 8	571177-68-9	[60]PCB-C_8 >99%

Note: we can supply up to n = 22. Please inquire for prices and further details.