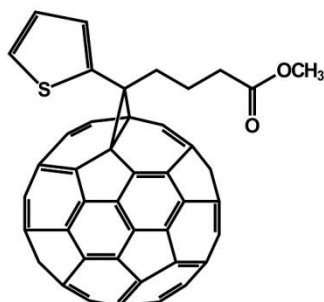




## Product information: [60]ThCBM



[60]ThCBM was introduced as a successful alternative for [60]PCBM in 2006. The thiophene moiety can possibly give better coordination with certain polymers than the phenyl group in [60]PCBM.

Many properties of [60]ThCBM are the same or very similar to those of [60]PCBM. It has a slightly lower solubility in common solvents used for processing fullerenes.

[60]ThCBM is available as 99–99.5% purity. It is produced in the same manner as [60]PCBM >99.5%, but it shows a few extra minor impurities, which means that it cannot be labeled as >99.5%. Certificates of analysis are always available upon request.

### Detailed information:

Purity:	by HPLC (360 nm, fullerene content)
CAS number:	925673-03-6
Mw:	916.9 g/mol
Molecular formula:	C <sub>70</sub> H <sub>12</sub> O <sub>2</sub> S
Appearance:	fine brown or black powder
Product codes:	06099Th
CoA:	available on request
Synonyms:	ThC60BM, ThC61BM, ThCBM, C60-ThCBM