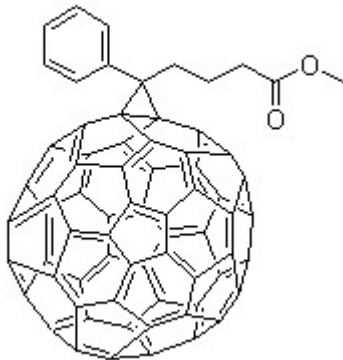


[60]PCBM

Chemical Name	[6,6]-phenyl-C61-butyric acid methyl ester
Synonyms	Methyl [6,6]-phenyl-C61-butyrate, 3'-Phenyl-3'H-cyclopropa[1,9][5,6]fullerene-C60-1h-3'-butanoic acid methyl ester; [6,6]PCBM; [60]PCBM, PC61BM
CAS Registry Number	160848-22-6
Molecular Formula	$C_{72}H_{14}O_2$
Molecular Weight	910.88
Molecular Structure	
Purity	99%
Appearance	Brown
Functions and applications of fullerenes and their derivatives	Due to its excellent radical scavenging, light absorption, superconducting semiconductors, perfect structure, DNA affinity, electron acceptor, efficient adsorption characteristics of embedded molecules (or functional), fullerenes and their derivatives have been widely applied in cosmetics , pharmaceutical intermediates, health products, rubber/film material modifiers , high energy , composite materials, additives, and other areas