

Product Name: Fullerene powder, 98+% C₇₀
Catalog Number: 042601.MD

CAS Number: 115383-22-7

IUPAC Name: hexatriacontacyclo[11.3.54.0^{17,22,02,23,014,18,019,70,020,37,021,34,08,16,010,15,09,63,03,7,04,25,06,62,05,48,024,33,031,35,027,32,026,47,028,46,045,50,049,61,051,59,044,52,060,64,011,65,012,67,058,66,056,68,038,69,039,55,036,40,030,41,029,43,042,54,053,57}]heptaconta-1,3,5(48),6,8(16),9,11(65),12(67),13(70),14,17(22),18,20,23,25,27(32),28,30(41),31(35),33,36,38(69),39,42,44(52),45(50),46,48(51),51(59),53(57),54,56(68),58(66),60(64),62-pentatriacontaene

Molecular Formula: C₇₀

Molecular Weight: 840.77

InChI Key: ATLMEFJTZZPOKLC-UHFFFAOYSA-N

SMILES: C12=C3C4=C5C1=C1C6=C7C8=C9C%10=C%11C%12=C%13C%14=C%15C%16=C%17C%18=C%19C%20=C%21C%22=C%19C%19=C%23C(C%11=C%19C%18=C%12%16)=C9C9=C%11C(=C2C9=C18)C1=C(C2=C%21C8=C9C(=C4C4=C9C9=C%12C(=C%17C%20=C8%12)C%15=C8C%14=C(C%12=C6C5=C4C%12=C98)C7=C%10%13)C2=C31)C%22=C%23%11

Synonym: hexatriacontacyclo[11.3.54.0^{17,22,02,23,014,18,019,70,020,37,021,34,08,16,010,15,09,63,03,7,04,25,06,62,05,48,024,33,031,35,027,32,026,47,028,46,045,50,049,61,051,59,044,52,060,64,011,65,012,67,058,66,056,68,038,69,039,55,036,40,030,41,029,43,042,54,053,57}]heptaconta-1,3,5(48),6,8(16),9,11(65),12(67),13(70),14,17(22),18,20,23,25,27(32),28,30(41),31(35),33,36,38(69),39,42,44(52),45(50),46,48(51),51(59),53(57),54,56(68),58(66),60(64),62-pentatriacontaene
rugbyballene C70 fullerene fullerene C70 fullerene 70

Product Specification

Form: Powder

Purity: C70: guaranteed ≥98.0%

Date Of Print: 05/26/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.