$Sr_2(Sr_{0.93}Pb_{0.07})_3Pb_3Cu_{0.66}O_{11.12}$	*hP*24	(189) *P*-62*m* – kgf^3e^2c

$Sr_{4.79}Pb_{3.21}Cu_{0.66}O_{11.12}$ [1]
Structural features: Infinite chains of edge-linked PbO_6 octahedra; Cu in channels of trigonal cross-section (partial disorder).

Kim J.S. et al. (1990) [1]
$Cu_{0.66}O_{11.13}Pb_{3.21}Sr_{4.79}$
a = 1.0072, c = 0.3542 nm, c/a = 0.352, V = 0.3112 nm^3, Z = 1

site	Wyck.	sym.	x	y	z	occ.	atomic environment
O1	6*k*	*m*..	0.2412	0.4446	$^1/_2$		square pyramid $PbSr_4$
Pb2	3*g*	*m*2*m*	0.3368	0	$^1/_2$		octahedron O_6
O3	3*f*	*m*2*m*	0.17	0	0	0.71	
O4	3*f*	*m*2*m*	0.4604	0	0		coplanar triangle Pb_2Sr
M5	3*f*	*m*2*m*	0.7005	0	0		monocapped trigonal prism O_7
Cu6	2*e*	3.*m*	0	0	0.129	0.197	
Cu7	2*e*	3.*m*	0	0	0.388	0.134	
Sr8	2*c*	-6..	$^1/_3$	$^2/_3$	0		tricapped trigonal prism O_9

M5 = 0.93Sr + 0.07Pb
Transformation from published data: origin shift 0 0 $^1/_2$
Experimental: single crystal, diffractometer, X-rays, wR = 0.039
Remarks: Short interatomic distances for partly occupied site(s).

References: [1] Kim J.S., Tang X.X., Manthiram A., Swinnea J.S., Steinfink H. (1990), J. Solid State Chem. 85, 44-50.