$K_3Ta_3[Si_2O_7]O_6$	*hP*42	(189) *P*-62*m* – $li^2hg^2f^2c$

$K_6Ta_6Si_4O_{26}$ [1]
Structural features: Triple infinite chains of vertex-linked TaO_6 octahedra are interconnected via common vertices with units of two vertex-linked SiO_4 tetrahedra to form a 3D-framework; K in channels parallel to [001].

Choisnet J. et al. (1976) [1]
$K_3O_{13}Si_2Ta_3$
$a = 0.9066$, $c = 0.7873$ nm, $c/a = 0.868$, $V = 0.5604$ nm^3, $Z = 2$

site	Wyck.	sym.	*x*	*y*	*z*	occ.	atomic environment
O1	12*l*	1	0.176	0.5	0.289		single atom Si
Ta2	6*i*	..*m*	0.239	0	0.249		octahedron O_6
O3	6*i*	..*m*	0.811	0	0.26		non-colinear Ta_2
Si4	4*h*	3..	$^1/_3$	$^2/_3$	0.208		tetrahedron O_4
O5	3*g*	*m*2*m*	0.242	0	$^1/_2$		non-colinear Ta_2
K6	3*g*	*m*2*m*	0.586	0	$^1/_2$		trigonal prism O_6
O7	3*f*	*m*2*m*	0.262	0	0		non-colinear Ta_2
K8	3*f*	*m*2*m*	0.61	0	0		tetrahedron O_4
O9	2*c*	-6..	$^1/_3$	$^2/_3$	0		colinear Si_2

Experimental: powder, diffractometer, X-rays, R = 0.066

References: [1] Choisnet J., Nguyen N., Groult D., Raveau B. (1976), Mater. Res. Bull. 11, 887-894.