

We present experimental and calculational interatomic bond angles in the following table as supporting information.

Table 1. Calculated and experimental bond angles (deg.) in the crystal structure of the LN and IL-type ZnSnO_3 .

Bond angle / ° (LN-type ZnSnO_3)			Bond angle / ° (IL-type ZnSnO_3)		
	Exp ^{Ref. 7}	This work		Exp ^{Ref. 6}	This work
O-Sn-O	83.4(3)	83.19	O-Sn-O	81.49	80.49
O-Sn-O	87.82(12)	87.05	O-Sn-O	83.84	84.58
O-Sn-O	90.29(12)	90.37	O-Sn-O	88.72	91.05
O-Sn-O	97.6(3)	98.38	O-Sn-O	103.59	101.40
O-Zn-O	74.2(3)	72.65	O-Zn-O	79.70	78.68
O-Zn-O	81.38(11)	81.01	O-Zn-O	87.16	85.51
O-Zn-O	88.39(13)	87.69	O-Zn-O	90.74	88.17
O-Zn-O	109.6(2)	110.92	O-Zn-O	100.50	102.30
Sn-O-Sn	138.3(2)	137.07	Sn-O-Sn	96.16	94.92
Zn-O-Zn	123.3(3)	123.35	Zn-O-Zn	92.84	93.09