SG No. 146 C_3^4 $R3$ [trigonal]

* plus set: $+[0, 0, 0]$, $+\left[\frac{2}{3}, \frac{1}{3}, \frac{1}{3}\right]$, $+\left[\frac{1}{3}, \frac{2}{3}, \frac{2}{3}\right]$

Table 1: Wyckoff site: `3a`, site symmetry: `3.`

No.	position	mapping
1	$[0, 0, z]$	`[1,2,3]`

Table 2: Wyckoff site: `9b`, site symmetry: `1`

No.	position	mapping
1	$[x, y, z]$	`[1]`
2	$[-y, x - y, z]$	`[2]`
3	$[-x + y, -x, z]$	`[3]`