MPG No. 19.2.69 $3m1'$ (3m11' setting) [Type II, trigonal]

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

No.	position	mapping
1	$[0, 0, z]$	`[1,2,3,4,5,6,7,8,9,10,11,12]`

Table 2: Wyckoff site: `3b`, site symmetry: `.m.`

No.	position	mapping
1	$[x, -x, z]$	`[1,5,7,11]`
2	$[x, 2x, z]$	`[2,6,8,12]`
3	$[-2x, -x, z]$	`[3,4,9,10]`

Table 3: Wyckoff site: `6c`, site symmetry: `1`

No.	position	mapping
1	$[x, y, z]$	`[1,7]`
2	$[-y, x-y, z]$	`[2,8]`
3	$[-x+y, -x, z]$	`[3,9]`
4	$[-y, -x, z]$	`[5,11]`
5	$[-x+y, y, z]$	`[4,10]`
6	$[x, x-y, z]$	`[6,12]`