SG No. 31 C_{2v}^{7} $Pmn2_1$ [orthorhombic]

* plus set: $+[0,\ 0,\ 0]$
* Wyckoff site: `2a`, site symmetry: `m..`

Table 1: Wyckoff bond: `2a@2a`

No.	vector	center	mapping
1	$[0,\ Y,\ Z]$	$[0,\ y,\ z]$	`[1,4]`
2	$[0,\ -Y,\ Z]$	$\left[\frac{1}{2},\ -y,\ z+\frac{1}{2}\right]$	`[2,3]`

Table 2: Wyckoff bond: `2b@2a`

No.	vector	center	mapping
1	$[X,\ 0,\ 0]$	$[0,\ y,\ z]$	`[1,-4]`
2	$[-X,\ 0,\ 0]$	$\left[\frac{1}{2},\ -y,\ z+\frac{1}{2}\right]$	`[2,-3]`

Table 3: Wyckoff bond: `4c@2a`

No.	vector	center	mapping
1	$[X,\ Y,\ Z]$	$[0,\ y,\ z]$	`[1]`
2	$[-X,\ -Y,\ Z]$	$\left[\frac{1}{2},\ -y,\ z+\frac{1}{2}\right]$	`[2]`
3	$[X,\ -Y,\ Z]$	$\left[\frac{1}{2},\ -y,\ z+\frac{1}{2}\right]$	`[3]`
4	$[-X,\ Y,\ Z]$	$[0,\ y,\ z]$	`[4]`

* Wyckoff site: `4b`, site symmetry: `1`

Table 4: Wyckoff bond: `4a@4b`

No.	vector	center	mapping
1	$[X,\ Y,\ Z]$	$[x,\ y,\ z]$	`[1]`
2	$[-X,\ -Y,\ Z]$	$\left[\frac{1}{2}-x,\ -y,\ z+\frac{1}{2}\right]$	`[2]`
3	$[X,\ -Y,\ Z]$	$\left[x+\frac{1}{2},\ -y,\ z+\frac{1}{2}\right]$	`[3]`
4	$[-X,\ Y,\ Z]$	$[-x,\ y,\ z]$	`[4]`