SG No. 3 C_2^1 $P2$ (b-axis setting) [monoclinic]

* plus set: $+[0, 0, 0]$
* Wyckoff site: `1a`, site symmetry: `2`

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

No.	vector	center	mapping
1	$[X, 0, Z]$	$[0, y, 0]$	`[1,-2]`

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

No.	vector	center	mapping
1	$[0, Y, 0]$	$[0, y, 0]$	`[1,2]`

Table 3: Wyckoff bond: `2c@1a`

No.	vector	center	mapping
1	$[X, Y, Z]$	$[0, y, 0]$	`[1]`
2	$[-X, Y, -Z]$	$[0, y, 0]$	`[2]`

* Wyckoff site: `1b`, site symmetry: `2`

Table 4: Wyckoff bond: `1a@1b`

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

Table 5: Wyckoff bond: `1b@1b`

No.	vector	center	mapping
1	$[0, Y, 0]$	$\left[0, y, \frac{1}{2}\right]$	`[1,2]`

Table 6: Wyckoff bond: `2c@1b`

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

* Wyckoff site: `1c`, site symmetry: `2`

Table 7: Wyckoff bond: `1a@1c`

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

Table 8: Wyckoff bond: `1b@1c`

No.	vector	center	mapping
1	$[0, Y, 0]$	$\left[\frac{1}{2}, y, 0\right]$	`[1,2]`

Table 9: Wyckoff bond: `2c@1c`

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

* Wyckoff site: `1d`, site symmetry: `2`

Table 10: Wyckoff bond: `1a@1d`

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

Table 11: Wyckoff bond: `1b@1d`

No.	vector	center	mapping
1	$[0, Y, 0]$	$\left[\frac{1}{2}, y, \frac{1}{2}\right]$	`[1,2]`

Table 12: Wyckoff bond: `2c@1d`

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

* Wyckoff site: `2e`, site symmetry: `1`

Table 13: Wyckoff bond: `2a@2e`

No.	vector	center	mapping
1	$[X, Y, Z]$	$[x, y, z]$	`[1]`
2	$[-X, Y, -Z]$	$[-x, y, -z]$	`[2]`