$CePt_2B$	*hP*12	(180) $P6_222$ – idc

$CePt_2B$ [1]
Structural features: Filled-up derivative of $CrSi_2$ with B in distorted tetrahedral (Pt_4) voids; no B-B contact.

Sologub O. et al. (2000) [1]
$BCePt_2$
a = 0.54898, c = 0.7886 nm, c/a = 1.436, V = 0.2058 nm^3, Z = 3

site	Wyck.	sym.	x	y	z	occ.	atomic environment
Pt1	6*i*	..2	0.15128	0.30256	0		non-colinear B_2
B2	3*d*	222	$^1/_2$	0	$^1/_2$		tetrahedron Pt_4
Ce3	3*c*	222	$^1/_2$	0	0		pseudo Frank-Kasper $B_6Pt_{10}Ce_4$

Experimental: single crystal, diffractometer, X-rays, R = 0.038

References: [1] Sologub O., Salamakha P., Noel H., Potel M., Almeida M., Godart C. (2000), J. Alloys Compd. 307, 40-44.