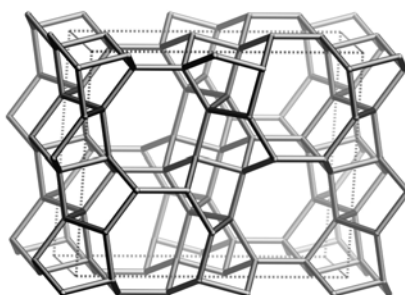
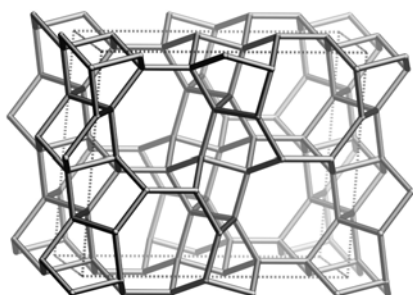


Framework Type Data



framework viewed along [100]

Idealized cell data: orthorhombic, *Cmcm*, $a = 5.3\text{\AA}$, $b = 14.1\text{\AA}$, $c = 17.2\text{\AA}$

Coordination sequences and vertex symbols:

$T_1(8,m)$	4	12	23	41	70	97	125	174	224	264	$5\cdot5\cdot5\cdot5\cdot6\cdot8_2$
$T_2(8,m)$	4	12	26	43	64	101	138	165	215	284	$5\cdot6\cdot5\cdot6\cdot6_2\cdot8_2$
$T_3(8,m)$	4	12	23	43	72	95	128	177	225	259	$5\cdot6\cdot5\cdot6\cdot5_2\cdot6$

Secondary building units: 5-1

Composite building units:*cas**bik***Materials with this framework type:**

*Cesium Aluminosilicate^(1,2)

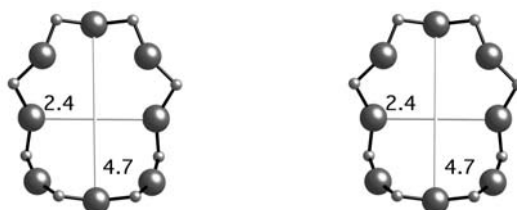
EU-20b (CAS-NSI structural intermediate)⁽³⁾

Type Material: Cesium Aluminosilicate

CAS

Type Material Data

Crystal chemical data:	$[\text{Cs}_4] [\text{Al}_4\text{Si}_{20}\text{O}_{48}]$ -CAS orthorhombic, <i>Ama2</i> , $a = 16.776\text{\AA}$, $b = 13.828\text{\AA}$, $c = 5.021\text{\AA}$ ⁽¹⁾ (Relationship to unit cell of Framework Type: $a' = -c$, $b' = b$, $c' = a$)
Framework density:	20.6 T/1000 \AA^3
Channels:	[001] 8 2.4 x 4.7*



8-ring viewed along [001]

References:

- (1) Araki, T. *Z. Kristallogr.*, **152**, 207-213 (1980)
- (2) Hughes, R.W. and Weller, M.T. *Microporous Mesoporous Mat.*, **51**, 189-196 (2002)
- (3) Marler, B., Cambor, M.A. and Gies, H. *Microporous Mesoporous Mat.*, **90**, 87-101 (2006)