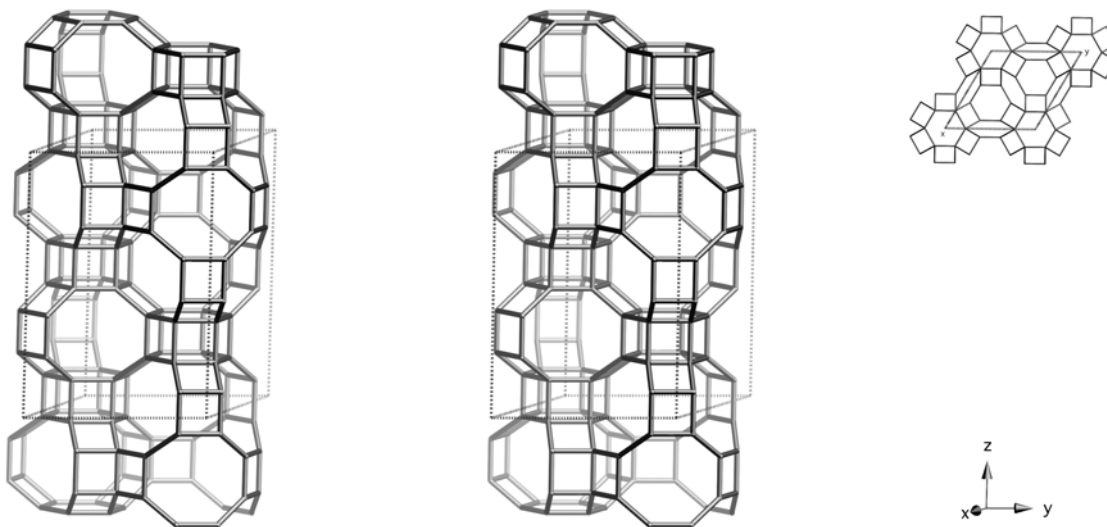


Framework Type Data



framework viewed normal to [001] (upper right: projection down [001])

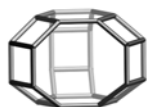
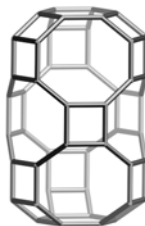
Idealized cell data: hexagonal, $P6_3/mmc$, $a = 13.7\text{\AA}$, $c = 19.7\text{\AA}$

Coordination sequences and vertex symbols:

$T_1(24,1)$	4	9	17	29	45	65	89	116	144	175	4·4·4·8·6·8
$T_2(24,1)$	4	9	17	29	45	64	85	110	141	178	4·4·4·8·6·8

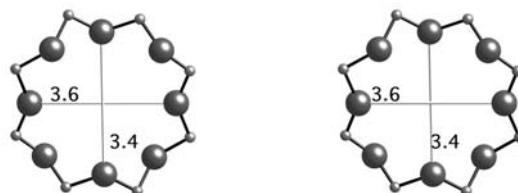
Secondary building units: 6-6 or 4-2 or 6 or 4

Framework description: AABBCB sequence of 6-rings

Composite building units:*d6r**gme**aft***Materials with this framework type:***SAPO-56^(1,2)MAPSO-56, M=Co, Mn, Zr⁽³⁾SSZ-16⁽⁴⁾

Type Material Data

Crystal chemical data:	$\text{H}_3\text{I} [\text{Si}_5\text{Al}_{23}\text{P}_{20}\text{O}_{96}]$ -AFX trigonal, $P\bar{3}1c$, $a = 13.762\text{\AA}$, $c = 19.949\text{\AA}$ ⁽²⁾
Framework density:	14.7 T/1000 \AA^3
Channels:	$\perp [001]$ 8 3.4 x 3.6***



8-ring viewed normal to [001]

References:

- (1) McGuire, N.K., Blackwell, C.S., Bateman, C.A., Wilson, S.T. and Kirchner, R.M. *private communication*
- (2) Wilson, S.T., Broach, R.W., Blackwell, C.S., Bateman, C.A., McGuire, N.K. and Kirchner, R.M. *Microporous Mesoporous Mat.*, **28**, 125-137 (1999)
- (3) Tian, P., Liu, Z., Xu, L. and Sun, C. *Stud. Surf. Sci. Catal.*, **135**, 248 (05-P-18) (2001)
- (4) Lobo, R.F., Zones, S.I. and Medrud, R.C. *Chem. Mater.*, **8**, 2409-2411 (1996)