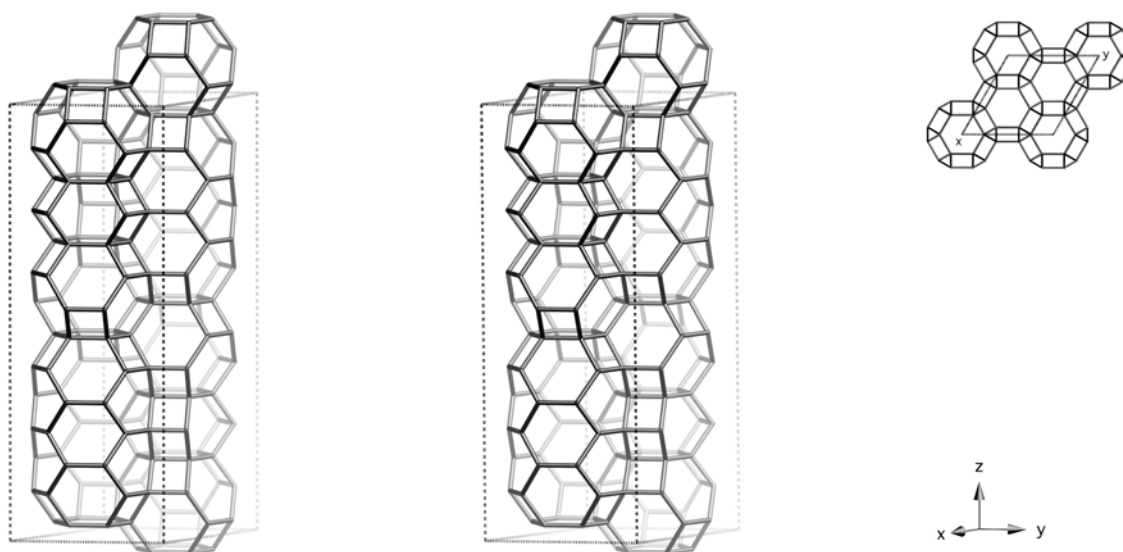


Framework Type Data



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

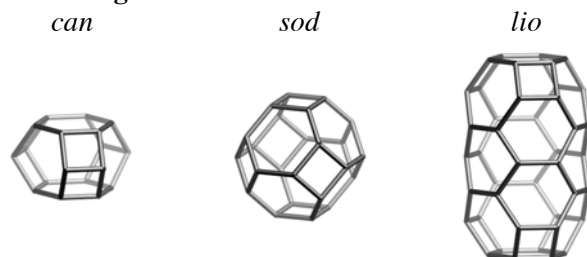
Idealized cell data: hexagonal, $P6_3/mmc$, $a = 12.6\text{\AA}$, $c = 35.7\text{\AA}$

Coordination sequences and vertex symbols:

$T_1(24,1)$	4	10	20	34	52	74	101	133	169	208	251	299	4-4-6-6-6-6
$T_2(24,1)$	4	10	20	34	53	76	102	132	166	206	251	299	4-4-6-6-6-6
$T_3(24,1)$	4	10	20	34	53	76	102	132	166	205	248	294	4-6-4-6-6-6
$T_4(12,m..)$	4	10	20	34	54	78	104	134	168	208	252	298	4-6-4-6-6-6

Secondary building units: 6

Framework description: ABCABABACBACAC sequence of 6-rings

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

*Farneseite⁽¹⁾

Type Material: Farneseite**FAR****Type Material Data**

Crystal chemical data:	$\text{I}(\text{Na,K})_{46}\text{Ca}_{10}(\text{H}_2\text{O})_6(\text{SO}_4)_{12}\text{I}[\text{Si}_{42}\text{Al}_{42}\text{O}_{168}]\text{-FAR}$ hexagonal, $P6_3/m$, $a = 12.8784\text{\AA}$, $c = 37.0078\text{\AA}$ ⁽¹⁾
Framework density:	15.8 T/1000 \AA^3
Channels:	apertures formed by 6-rings only

References:

- (1) Cámara, F., Bellatreccia, F., Della Ventura, G. and Mottana, A. *Eur. J. Mineral.*, **17**, 839-846 (2005)