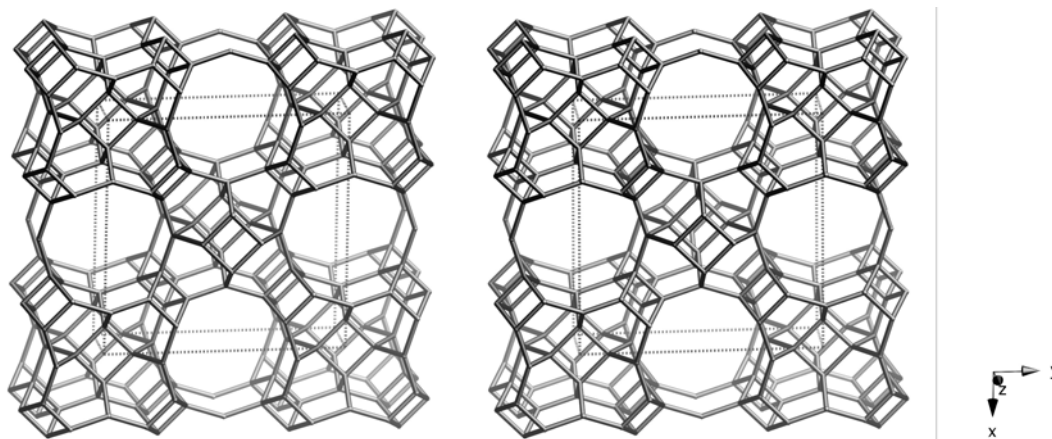


Framework Type Data



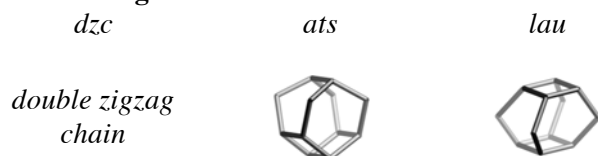
framework viewed along [001]

Idealized cell data: tetragonal, $I4/mmm$, $a = 18.5\text{\AA}$, $c = 5.3\text{\AA}$

Coordination sequences and vertex symbols:

$T_1 (16,m)$	4	10	21	37	57	82	111	145	189	236	$4\cdot6\cdot4\cdot6\cdot6\cdot6_2$
$T_2 (8,m2m)$	4	11	22	34	52	84	120	149	180	220	$4\cdot6_2\cdot6_2\cdot6_2\cdot6_2\cdot6_2$
$T_3 (8,m2m)$	4	12	22	37	60	81	112	154	192	230	$6_2\cdot6_2\cdot6_2\cdot6_2\cdot6_2\cdot12_6$

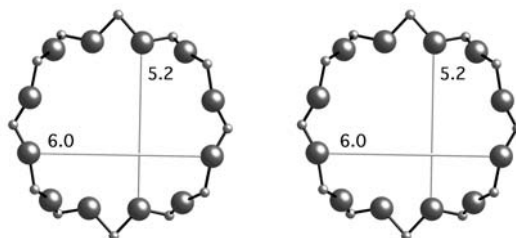
Secondary building units: 6-2

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

*UiO-6⁽¹⁾

Type Material Data

Crystal chemical data:	[Al ₁₆ P ₁₆ O ₆₄]-OSI orthorhombic, <i>Imm2</i> , $a = 18.355\text{\AA}$, $b = 18.321\text{\AA}$, $c = 5.053\text{\AA}$ ⁽¹⁾
Framework density:	18.8 T/1000Å ³
Channels:	[001] 12 5.2 x 6.0*



12-ring viewed along [001]

References:

- (1) Akporiaye, D.E., Fjellvag, H., Halvorsen, E.N., Haug, T., Karlsson, A. and Lillerud, K.P. *Chem. Commun.*, 1553-1554 (1996)