

Publication

A 3-dimensional {42u84} lvt net built from a ditopic bis(3,2'':6'',3''-terpyridine) tecton bearing long alkyl tails

JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)**ID** 2806981**Author(s)** Klein, Y. Maximilian; Constable, Edwin C.; Housecroft, Catherine E.; Prescimone, Alessandro**Author(s) at UniBasel** [Housecroft, Catherine](#) ; [Constable, Edwin Charles](#) ; [Klein, Maximilian](#) ; [Prescimone, Alessandro](#) ;**Year** 2015**Title** A 3-dimensional {42u84} lvt net built from a ditopic bis(3,2'':6'',3''-terpyridine) tecton bearing long alkyl tails**Journal** CrystEngComm**Volume** 17**Number** 10**Pages / Article-Number** 2070-2073

Divergent bis(terpyridine) tectons are versatile ligands for the assembly of coordination networks; we demonstrate the assembly of a 3-dimensional {4(2).8(4)} lvt net (still relatively sparse among 4-connected nets in metal-organic frameworks) from the reaction of 1,4-bis(n-octoxy)-2,5-bis(3,2': 6', 3 ''-terpyridin-4'-yl) benzene and Co(NCS)(2).

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