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2D 2D Parallel interpenetration of (4,4) sheets constructed from a ditopic bis(4,2':6',4"-terpyridine)

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The ditopic ligand 1,4-bis(n-octyloxy)-2,5-bis(4,2':6',4"-terpyridin-4'-yl)benzene reacts with ZnCl₂ to give 2-dimensional (4,4) nets with a corrugated topology facilitating interpenetration in a 2D -> 2D parallel manner.

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