

Cation Templated Improved Synthesis of Pillar[6]arene

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Pillar[n]arene is emerging as a new class of cyclic semi-rigid arenes with new intriguing host-guest properties. Herein we present an improved high yield synthesis of the larger pillar[6]arenes P[6] through cation template synthesis using tetramethylammonium chloride, bis(cyclopentadienyl)cobalt(III) hexafluorophosphate and (ferrocenylmethyl)trimethylammonium hexafluorophosphate.

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