



Library Indian Institute of Science Education and Research Mohali



DSpace@IISERMohali (/jspui/)
/ Publications of IISER Mohali (/jspui/handle/123456789/4)
/ Research Articles (/jspui/handle/123456789/9)


Please use this identifier to cite or link to this item: <http://hdl.handle.net/123456789/2703>

Title:	Exploitation of Intramolecular Glaser-Eglinton-Hay Macrocyclization for the Synthesis of New Classes of Optically Active Aza-Oxo-Thia Polyether Macrocycles from Amino Alcohol Building Blocks
Authors:	Babu, S.A. (/jspui/browse?type=author&value=Babu%2C+S.A.)
Keywords:	alkynes amino alcohols cross-coupling crown compounds
Issue Date:	2017
Publisher:	Georg Thieme Verlag
Citation:	Synlett, 28(2)
Abstract:	We report an intramolecular Glaser-Eglinton-Hay coupling as an unprecedented route for assembling optically active aza-oxo polyether macrocycles containing a 1,3-diyne unit from enantiopure amino alcohol building blocks and suitable linkers. Furthermore, the conversion of the 1,3-diyne unit of the aza-oxo polyether macrocycles into a thiophene ring led to the assembly of new classes of optically active aza-oxa-thia (heterotopic) polyether macrocycle analogues of classical 18-C-6 and 18-C-5 systems
URI:	https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-0036-1588329 (https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-0036-1588329) http://hdl.handle.net/123456789/2703 (http://hdl.handle.net/123456789/2703)
Appears in Collections:	Research Articles (/jspui/handle/123456789/9)

Files in This Item:

File	Description	Size	Format	
Need to add pdf.odt (/jspui/bitstream/123456789/2703/1/Need%20to%20add%20pdf.odt)		8.63 kB	OpenDocument Text	View/Open (/jspui/bitstream/123456789/2703/1/Need%20to%20add%20pdf.odt)

Show full item record (/jspui/handle/123456789/2703?mode=full)

 (/jspui/handle/123456789/2703/statistics)

Items in DSpace are protected by copyright, with all rights reserved, unless otherwise indicated.