Supporting Information

Org. Commun. 10:3 (2017) 190-200


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10,10-dichlorobicyclo[6.2.0]decan-9-one (2):
Bicyclo[6.2.0]decan-9-one (3a and 3b)
(1R,8R,E)-10-(4-methylbenzyldiene)bicyclo[6.2.0]decan-9-one (5a)
(1R,8R,E)-10-(4-methoxybenzylidene)bicyclo[6.2.0]decan-9-one (6a)
(1R,8R,E)-10-(4-fluorobenzylidene)bicyclo[6.2.0]decan-9-one (7a)
(1R,8R,E)-10-(4-bromobenzylidene)bicyclo[6.2.0]decan-9-one (8a):
(Z)-10-(4-methoxybenzylidene)bicyclo[6.2.0]decan-9-ones (6b and 6d)
(Z)-10-(4-fluorobenzylidene)bicyclo[6.2.0]decan-9-ones (7b and 7d)
(Z)-10-(4-bromobenzylidene)bicyclo[6.2.0]decan-9-ones (8b and 8d) karışım:
Isomers 9a and 9c

The figure shows two sets of chemical shifts and their corresponding spectra. The chemical shifts are listed in ppm, and the spectra are represented graphically.
Isomers 9a, 9b and 9d
2-((1R,2S)-2-((E)-4-methylstyryl)cyclooctyl)benzo[d]thiazole (12):
2-(((1R,2S)-2-((E)-4-methoxystyryl)cyclooctyl)benzo[d]thiazole (X):
2-((1R,2S)-2-((E)-4-fluorostyryl)cyclooctyl)benzo[d]thiazole (X):