

Files folders for the fair data of the published article

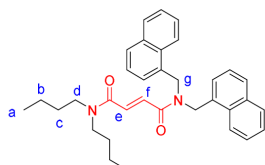
Ring-to-Thread Chirality Transfer in [2]Rotaxanes for the Synthesis of Enantioenriched Lactams by

Dr. Carmen Lopez-Leonardo, Dr. Adrian Saura-Sanmartin, Dr. Marta Marin-Luna, Prof. Mateo Alajarin,

Dr. Alberto Martinez-Cuezva, Dr. Jose Berna** published in *Angew. Chem. Int. Ed.*, **2022**, DOI:

[10.1002/anie.202209904](https://doi.org/10.1002/anie.202209904) - E-mail: amcuezva, ppberna@um.es

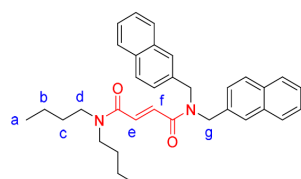
Thread 19b:



Fair data for compound **19b** > NMR > ^1H >

Fair data for compound **19b** > NMR > ^{13}C >

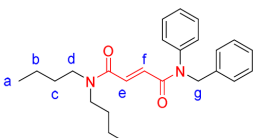
Thread 19c:



Fair data for compound **19c** > NMR > ^1H >

Fair data for compound **19c** > NMR > ^{13}C >

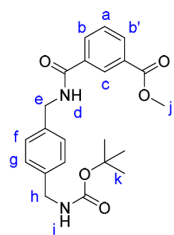
Thread 19e:



Fair data for compound **19e** > NMR > ^1H >

Fair data for compound **19e** > NMR > ^{13}C >

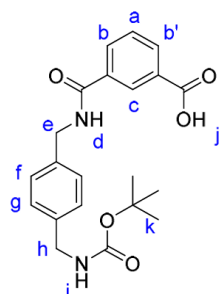
Compound S2:



Fair data for compound **S2** > NMR > ^1H >

Fair data for compound **S2** > NMR > ^{13}C >

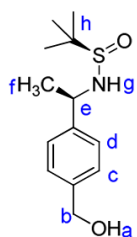
Compound 17:



Fair data for compound **17** > NMR > ^1H >

Fair data for compound **17** > NMR > ^{13}C >

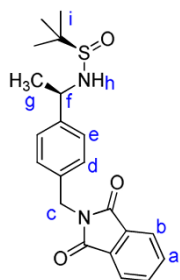
Compound 14:



Fair data for compound **14** > NMR > ^1H >

Fair data for compound **14** > NMR > ^{13}C >

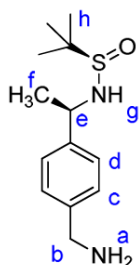
Compound 15:



Fair data for compound 15 > NMR > 1H >

Fair data for compound 15 > NMR > 13C >

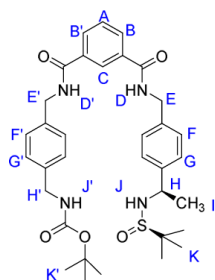
Compound 16:



Fair data for compound 16 > NMR > 1H >

Fair data for compound 16 > NMR > 13C >

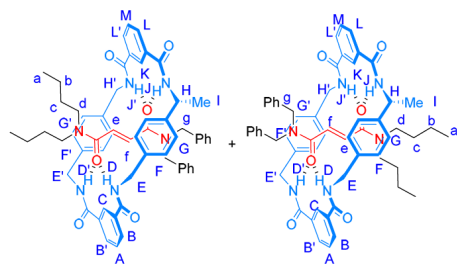
Compound 18:



Fair data for compound 18 > NMR > 1H >

Fair data for compound 18 > NMR > 13C >

Rotaxanes **9a**:



Fair data for compound **9a** > NMR > ^1H >

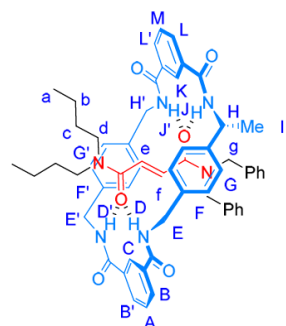
Fair data for compound **9a** > NMR > ^{13}C >

Fair data for compound **9a** > NMR > COSY >

Fair data for compound **9a** > NMR > DEPT >

Fair data for compound **9a** > NMR > HMQC >

Rotaxanes **9a-major**:



Fair data for compound **9a-major** > NMR > ^1H >

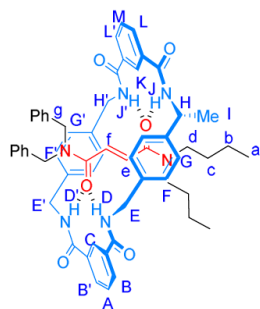
Fair data for compound **9a-major** > NMR > ^{13}C -APT >

Fair data for compound **9a-major** > NMR > COSY >

Fair data for compound **9a-major** > NMR > NOESY >

Fair data for compound **9a-major** > NMR > HMQC >

Rotaxanes 9a-minor:



Fair data for compound **9a-minor** > NMR > 1H >

Fair data for compound **9a-minor** > NMR > ^{13}C -APT >

Fair data for compound **9a-minor** > NMR > COSY >

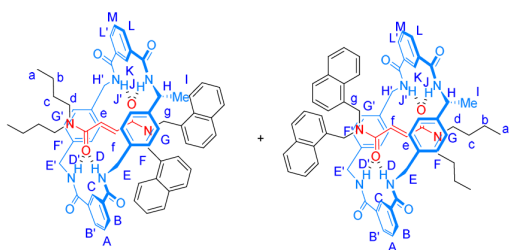
Fair data for compound **9a-minor** > NMR > HMBC >

Fair data for compound **9a-minor** > NMR > HMQC >

Fair data for compound **9a-minor** > NMR > NOESY >

Fair data for compound **9a-minor** > SCXRD data >

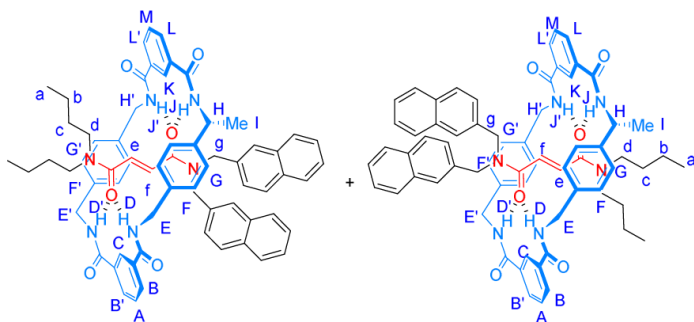
Rotaxanes 9b:



Fair data for compound **9b** > NMR > 1H >

Fair data for compound **9b** > NMR > ^{13}C >

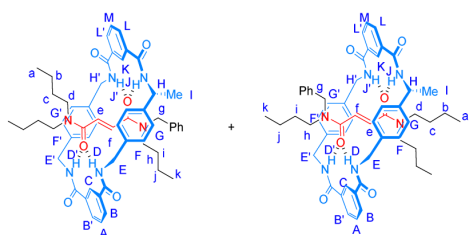
Rotaxanes **9c**:



Fair data for compound **9c** > NMR > 1H >

Fair data for compound **9c** > NMR > ^{13}C >

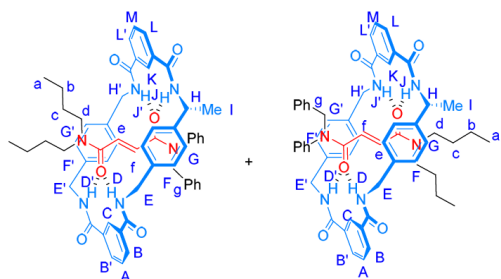
Rotaxanes **9d**:



Fair data for compound **9d** > NMR > 1H >

Fair data for compound **9d** > NMR > ^{13}C -APT >

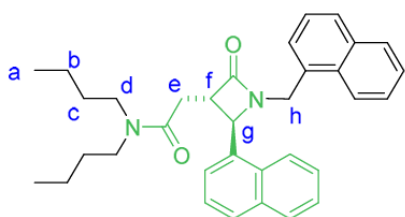
Rotaxanes **9e**:



Fair data for compound **9e** > NMR > 1H >

Fair data for compound **9e** > NMR > ^{13}C -APT >

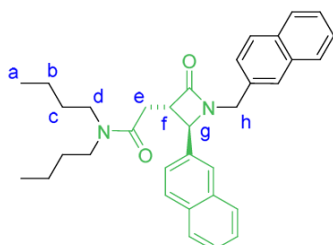
Lactam 6b:



Fair data for compound **6b** > NMR > 1H >

Fair data for compound **6b** > NMR > ^{13}C >

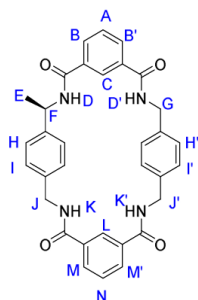
Lactam 6c:



Fair data for compound **6c** > NMR > 1H >

Fair data for compound **6c** > NMR > ^{13}C >

Macrocycle 21:

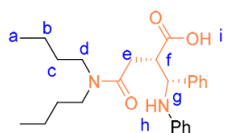


Fair data for compound **21** > NMR > 1H >

Fair data for compound **21** > NMR > ^{13}C >

Fair data for compound **21** > SCXRD data >

Aminoacid 22e:



Fair data for compound **22e** > NMR > 1H >

Fair data for compound **22e** > NMR > 13C >

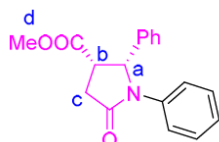
Lactam 23a:



Fair data for compound **23a** > NMR > 1H >

Fair data for compound **23a** > NMR > 13C >

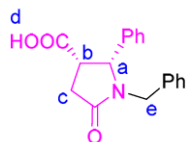
Lactam 23e:



Fair data for compound **23e** > NMR > 1H >

Fair data for compound **23e** > NMR > 13C >

Lactam 24a:



Fair data for compound 24a > NMR > 1H >

Fair data for compound 24a > NMR > 13C >