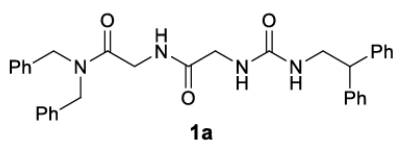


Files folders for the fair data of the published article

Urea-Based [2]Rotaxanes as Effective Phase-Transfer Organocatalysts: Hydrogen-Bonding Cooperative Activation Enabled by the Mechanical Bond by *Julio Puigvercer, Jose M. Zamora-Gallego, Marta Marin-Luna, Mateo Alajarin, Alberto Martinez-Cuezva* and Jose Berna** published in *Journal of the American Chemical Society*, 2024, DOI: **10.1021/jacs.4c06630**; E-mail: amcuezva@um.es; ppberna@um.es

Compound 1a



Fair data for **1a** > NMR > ¹H >

Fair data for **1a** > NMR > ¹³C >

Fair data for **1a** > NMR > DEPT >

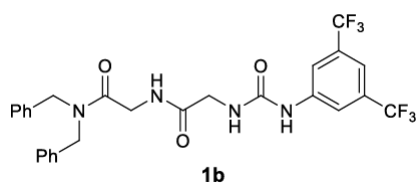
Fair data for **1a** > NMR > COSY >

Fair data for **1a** > NMR > HMQC >

Fair data for **1a** > NMR > NOESY>

Fair data for **1a** > HRMS

Compound **1b**



Fair data for **1b** > NMR > ¹H >

Fair data for **1b** > NMR > ¹³C >

Fair data for **1b** > NMR > ¹⁹F >

Fair data for **1b** > NMR > DEPT >

Fair data for **1b** > NMR > COSY >

Fair data for **1b** > NMR > HSQC >

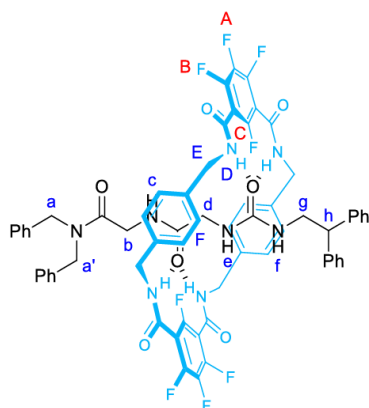
Fair data for **1b** > NMR > HMBC >

Fair data for **1b** > NMR > NOESY>

Fair data for **1b** > HRMS

Fair data for **1b** > X Ray data

Compound 2a



Fair data for 2a > NMR > 1H >

Fair data for 2a > NMR > 13C >

Fair data for 2a > NMR > 19F >

Fair data for 2a > NMR > DEPT >

Fair data for 2a > NMR > COSY >

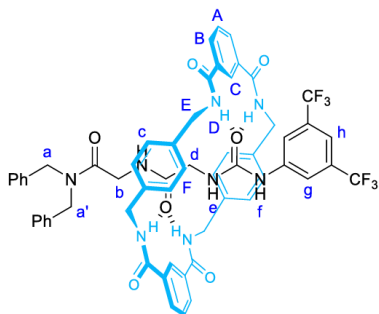
Fair data for 2a > NMR > HSQC >

Fair data for 2a > NMR > HMBC >

Fair data for 2a > NMR > NOESY>

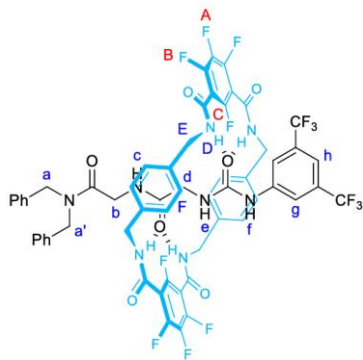
Fair data for 2a > HRMS

Compound 2b



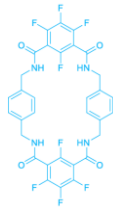
<i>Fair data for 2b > NMR > 1H ></i>
<i>Fair data for 2b > NMR > 13C ></i>
<i>Fair data for 2b > NMR > 19F ></i>
<i>Fair data for 2b > NMR > DEPT ></i>
<i>Fair data for 2b > NMR > COSY ></i>
<i>Fair data for 2b > NMR > HSQC ></i>
<i>Fair data for 2b > NMR > NOESY></i>
<i>Fair data for 2b > HRMS</i>

Compound 2c



<i>Fair data for 2c > NMR > 1H ></i>
<i>Fair data for 2c > NMR > 13C ></i>
<i>Fair data for 2c > NMR > 19F ></i>
<i>Fair data for 2c > NMR > DEPT ></i>
<i>Fair data for 2c > NMR > COSY ></i>
<i>Fair data for 2b > NMR > HSQC ></i>
<i>Fair data for 2c > NMR > HMBC ></i>
<i>Fair data for 2c > NMR > NOESY></i>
<i>Fair data for 2c > HRMS</i>
<i>Fair data for 2c > X Ray data</i>

Compound **Mac**



<i>Fair data for Mac > NMR > ¹H ></i>
<i>Fair data for Mac > NMR > ¹³C ></i>
<i>Fair data for Mac > NMR > ¹⁹F ></i>
<i>Fair data for Mac > NMR > DEPT ></i>
<i>Fair data for Mac > NMR > COSY ></i>
<i>Fair data for Mac > HRMS</i>