Pharmacokinetics of Py-Im Polyamides Depend on Architecture: Cyclic versus Linear

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SUPPORTING INFORMATION

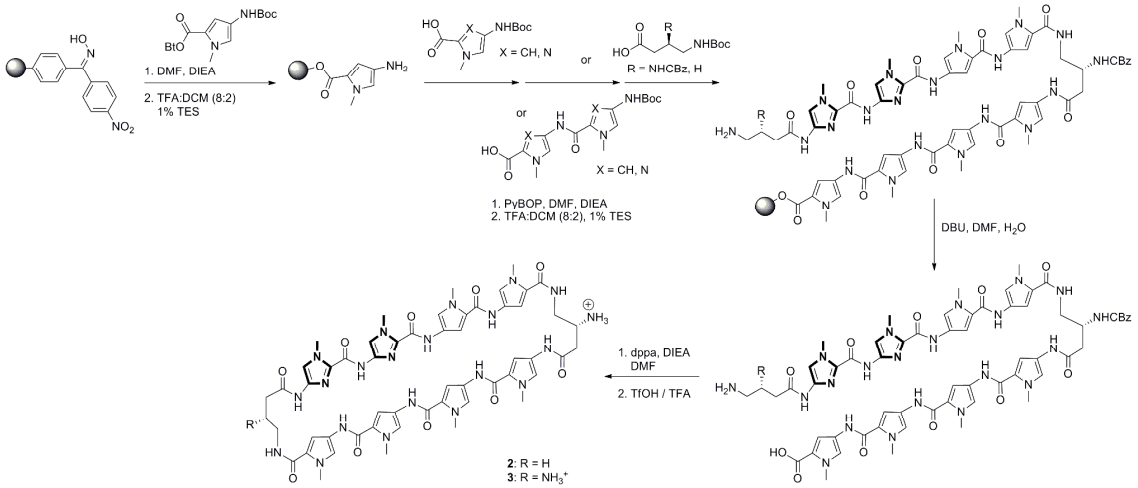

Figure S1. Key steps in the synthesis of the macrocyclic polyamides **2** and **3**.

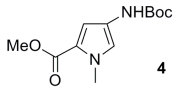

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Figure S2. Internal standard used for HPLC experiments.

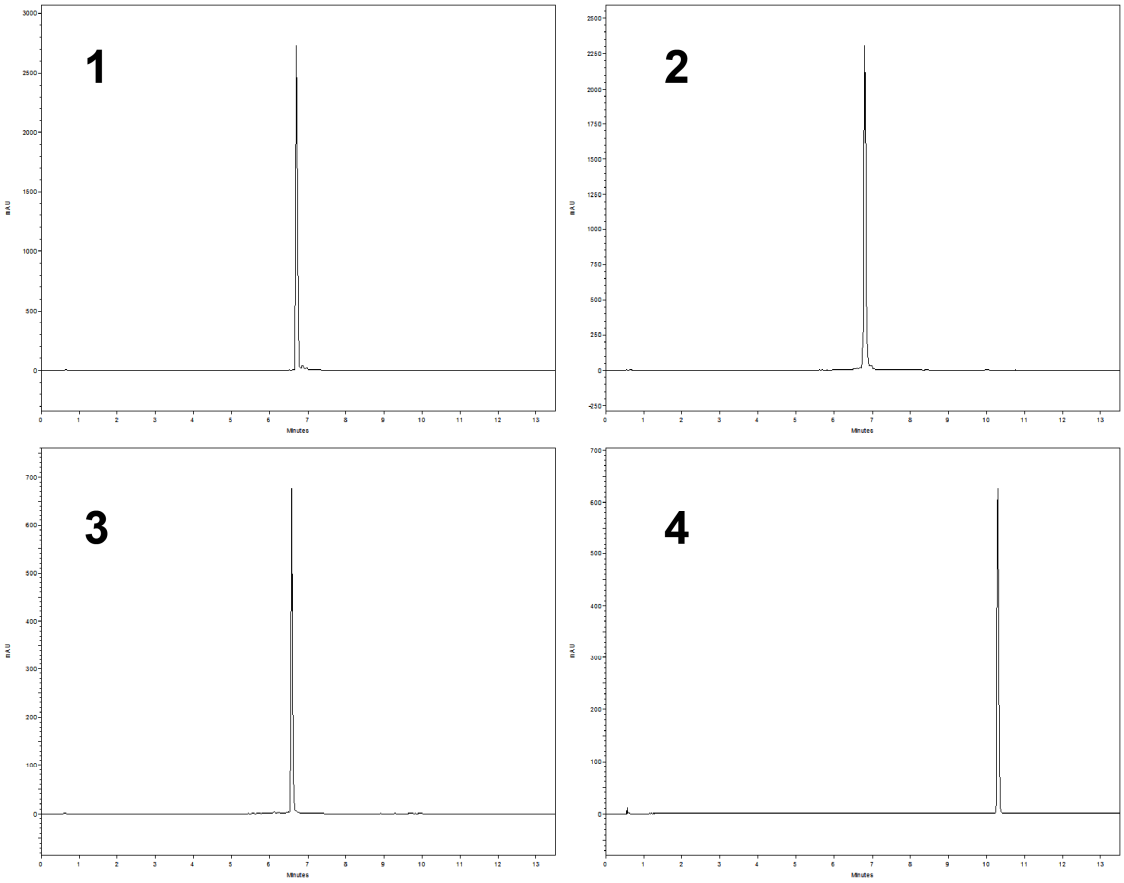

Figure S3. HPLC traces of the compounds **1**-**4**.

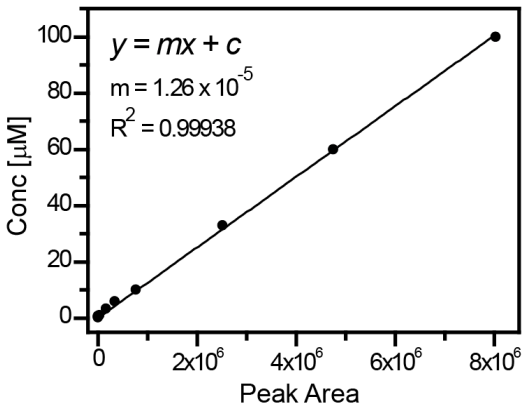

Figure S4. Calibration of the analytical HPLC peaks over the range of 0-100 μM **1**. Linear regression was performed using the module implemented in OriginPro 8.

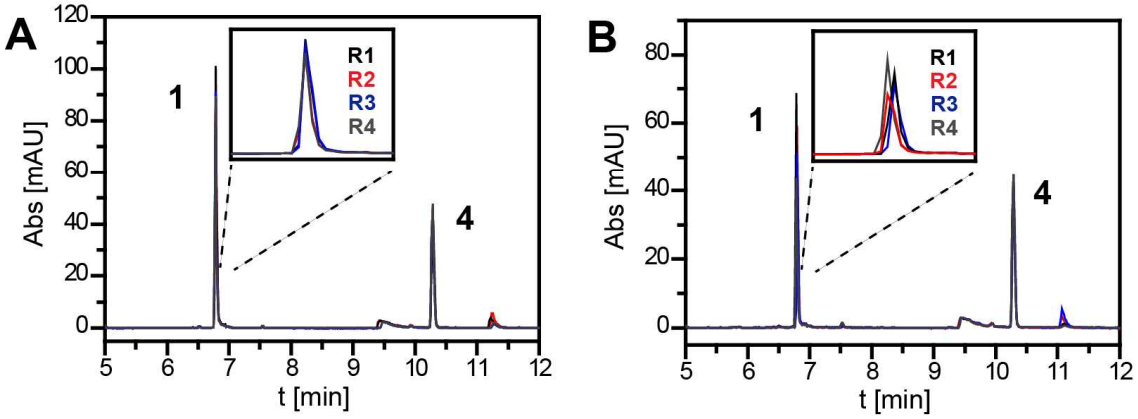

Figure S5. Reproducibility of injection (polyamide **1**, 120 nmol / animal). A: IP-injection; B: SC-injection. Blood collected 1.5 h after the injections, with four replicates (R1 - 4) for each injection route.

Table S1. Reproducibility of injection (polyamide **1**, 120 nmol / animal). A: IP-injection; B: SC-injection. Blood collected 1.5 h after the injections, with four replicates (R1 - 4) for each injection route.

	IP (Area)	**SC (Area)**
R1	188326	110749
R2	190669	122785
R3	162508	96690
R4	161090	93466
Average	*175648*	*105923*
STD	*16131*	*13516*
% Error	**9.2**	**12.8**