

Publication

P4T-DOTA - a lanthanide chelating tag combining a sterically highly overcrowded backbone with a reductively stable linker

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Author(s) Joss, Daniel; Haussinger, Daniel

Author(s) at UniBasel Häussinger, Daniel ; Joss, Daniel ;

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Herein we report a DOTA-based lanthanide chelating tag (LCT) with rigidified backbone and a reduction-stable linker. The newly developed tag induces strong pseudocontact shifts suitable for paramagnetic protein nuclear magnetic resonance spectroscopy and the obtained anisotropic susceptibility parameters are in the range of the best performing LCTs.

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