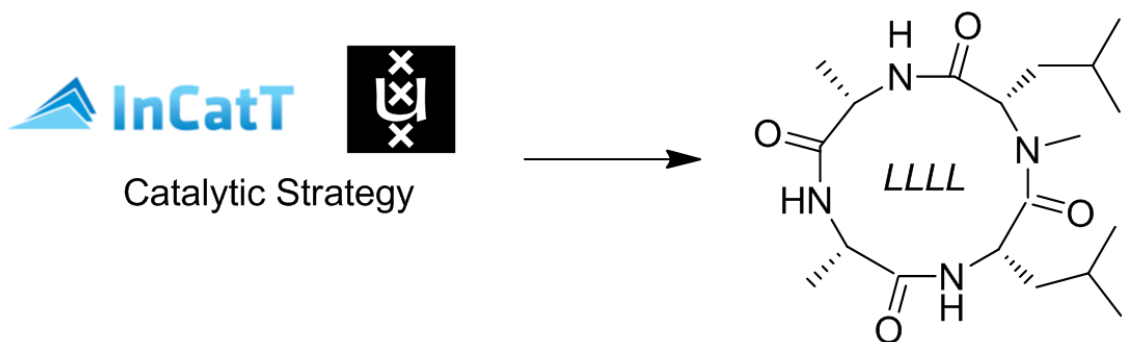


New Catalytic Approach to Strained Cyclic Peptides

InCatT has teamed up with the organic chemistry group of Prof. Jan van Maarseveen of the University of Amsterdam in a NWO KIEM program. Within this KIEM-project, new catalytic strategies will be developed for the synthesis of highly strained cyclic peptides. Particularly, the synthesis of the cyclic peptides with all **L-configured amino acids** has remained elusive and no straightforward synthetic pathway is currently available.

This class of peptides shows diverse biological activities, such as antibacterial activity, immunosuppressive activity, and anti-tumor activity, and therefore these compounds are of great interest for the pharmaceutical industry. By collaboration between InCatT and the UvA a new, innovative approach will be developed which employs the use of homogeneous catalysis to unlock this group of very interesting compounds.



The KIEM program (an abbreviation of 'Kennis Innovatie Mapping') is part of the Innovatiefonds Chemie, in which SMEs together with universities and HBO-institutions can tackle a practical research question.

About InCatT B.V.:

InCatT B.V. is a spin-off company of the homogeneous catalysis group of Joost Reek-at the University of Amsterdam. InCatT was founded in 2009 and has been actively working for the pharma, paint, flavor&fragrance and oil&gas industry to develop innovative catalyst solutions based on high throughput catalyst screening and smart optimizations protocols.

Contact: Sander.kluwer@incatt.nl, Tel:+31 (0)6-17878116.