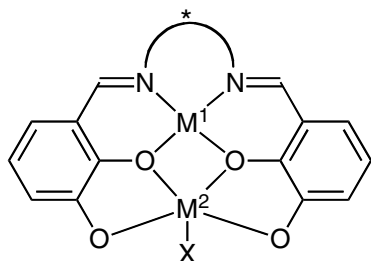


SL24 二中心不斉触媒の新展開
Recent Progress in Asymmetric Two-Center Catalysis

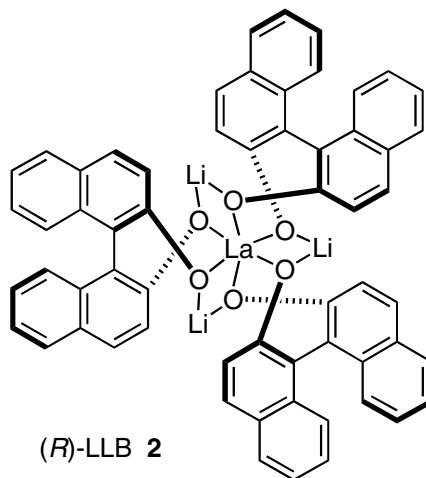
柴崎 正勝 (Masakatsu SHIBASAKI)

東京大学大学院薬学系研究科 (Graduate School of Pharmaceutical Sciences, The University of Tokyo)

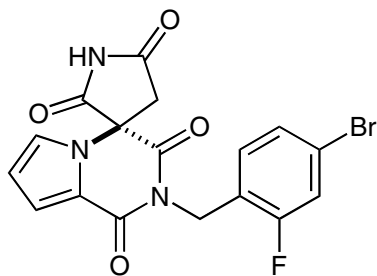
We have been studying on the development of new asymmetric two-center catalysis using rare earth alkoxides and bifunctional sugar and related ligands. In this annual Symposium, new catalytic asymmetric reactions using catalysts **1** and **2**, and catalytic asymmetric syntheses of ranirestat **3** and tamiflu **4** will be presented.



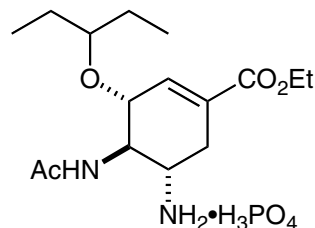
M¹-M²-Schiff base **1**
complex



(*R*)-LLB **2**



ranirestat **3**



tamiflu **4**