**Total Synthesis of (-) Lepistine**  
Yokoshima & Fukuyama (Nagoya, Japan) 2014

Natural product of the mushroom Clitocybe fasciculate. With no known biological properties, the synthesis was undertaken because of its unusual structure.

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OH

Alloc-NH-Ns = 

alloc-NH-Ns

K₂CO₃

Alloc-NH-Ns

Pd(PPh₃)₄,

Ph₃SiH

TBS = tBuSiMe₂

Cs₂CO₃

CH₃CN, 80 °C

1. O₃
2. Me₂S

lepistine
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