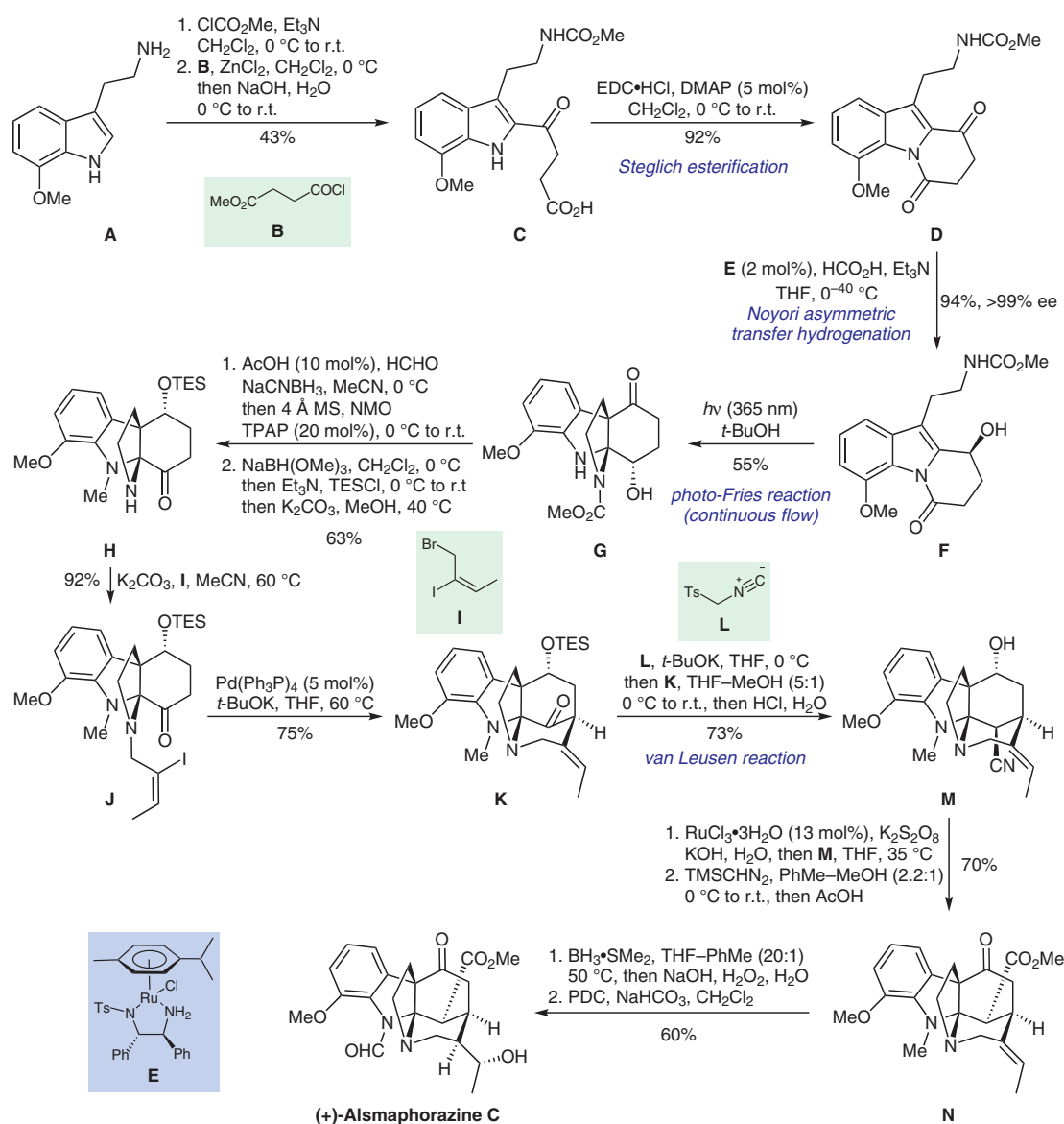


Total Synthesis of (+)-Alsmaphorazine C



Significance: In 2012, Morita and co-workers isolated the indole alkaloid (+)-almsaphorazine C from the leaves of *Alstonia pneumatophore*. Ding and co-workers present the first and asymmetric synthesis of this intriguing natural product.

Comment: Hydroxy ketone **F** was quickly accessed from tryptamine **A** in four steps. The key photo-Fries reaction/addition to imine cascade gave complex tetracycle **G** in 55% yield. Further elaboration of this intermediate gave the natural product in a total of 14 steps.