Dragmacidin D is a complex deep-sea marine heterocyclic natural product whose stereochemical identity has remained unclear since its isolation. This bis(indole) pyrazinone alkaloid contains a single stereocenter, whose configuration was proposed based on stereochemistry of another congener, dragmacidin F. Recently, Capon and Jia revised the assignment to $6''R$ based on total synthesis, the first enantioselective preparation of dragmacidin D in 26 steps. We developed an effective direct asymmetric alkylation of arylacetic acids, which enabled the synthesis of (+)-dragmacidin D in 10 steps. Curiously, our own effort confirmed the originally proposed assignment as $6''S$. We also determined that dragmacidin D undergoes a slow racemization in aqueous solution at pH 6.8, essentially complete within 16 days at room temperature.