

# Photo-driven Molecular Wankel Engine B<sub>13</sub><sup>+</sup>

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We report a molecular Wankel motor, the dual-ring structure B<sub>13</sub><sup>+</sup>, driven by circularly-polarized infrared electromagnetic radiation, under which a guided uni-directional rotation of the outer ring is achieved with rotational frequency of the order of 300 MHz.

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