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Sommario/riassunto	The demands for green and sustainable synthetic methods in the fields of healthcare and fine chemicals, combined with the pressure to produce these substances expeditiously and in an environmentally benign fashion, pose significant challenges to the synthetic chemical community. Green chemistry can avoid pollution by utilizing techniques that are environmentally friendly by design and one of the best green techniques is the use of microwave (MW) assisted aqueous synthetic protocols. Fusing MW technique with water (as a benign reaction medium) can offer an extraordinary synergistic effect with