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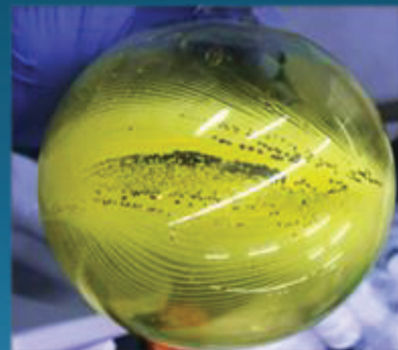
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Microwave-Assisted Chemistry for Pomalidomide-Analog Generation



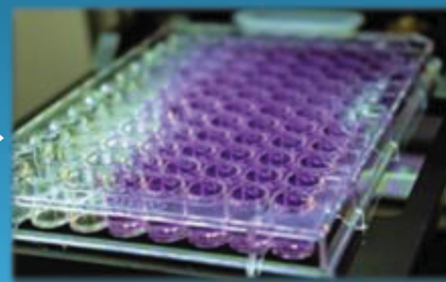
Synthetic accessibility

Rapid library
production



Applicable to
Direct-to-Biology
workflows

Employs DMSO
(non-toxic to cells)



Showcasing research from Professor Patrick Gunning's laboratory, Department of Chemistry, University of Toronto, Toronto, Ontario, Canada

Microwave-assisted synthesis of pomalidomide building blocks for rapid PROTAC and molecular glue development

This study demonstrates microwave-assisted synthesis of pomalidomide building blocks, enabling rapid, high-yielding, and pure PROTAC and molecular glue development. The method enhances synthetic accessibility, facilitates scalable production, and supports direct-to-biology (D2B) workflows for efficient degrader library generation and screening.

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As featured in:



See Patrick T. Gunning *et al.*, *Chem. Commun.*, 2025, **61**, 4670.