

A Handbook For Dna Encoded Chemistry Theory And Applications For Exploring Chemical Space And Drug Discovery

A Handbook for DNA-Encoded Chemistry: Theory and Applications for Exploring Chemical Space and Drug Discovery

Just Enough Knowledge... - A Handbook for DNA-Encoded ...

DNA-encoded chemistry offers a complementary approach for the discovery of therapeutic hits and leads when compared to high-throughput screening. Very significant achievements are being made using DNA-encoded chemistry within the pharmaceutical and biotech industries, including Ensemble, GSK, Nuevolution, Philochem, Vipergen, and X-Chem.

ROBERT A. GOODNOW, JR. is the Executive Director of the Chemistry Innovation Centre, Discovery Sciences at AstraZeneca and the Founder of GoodChem Consulting, LLC. He has extensive experience in drug discovery and chemistry technologies including carbohydrate, combinatorial, oligonucleotide, and ...

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Provides a valuable guide for understanding and applying DNA-encoded combinatorial chemistry Helps chemists generate and screen novel chemical libraries of large size and quality Bridges interdisciplinary areas of DNA-encoded combinatorial chemistry – synthetic and analytical chemistry, molecular biology, informatics, and biochemistry

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