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"Superelectrophiles in superacid: A synthetic tool for molecular diversity"

The strategic and practical role of organic synthesis is critical to the success of discovering and developing new drugs. The challenge now is for scientists to attack major diseases with fresh ingenuity.¹ A general consensus has emerged that library size is not everything; library diversity, in terms of molecular structure and thus function, is crucial.² Diversity-oriented synthesis aims to generate such structural diversity in an efficient manner.^{3,4} In this context, superelectrophilic activation⁵ of organic molecules under superacid conditions⁶ has already been demonstrated to be a method of choice to generate molecular diversity and bioactive molecules in a straightforward way.^{7,8}

References

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