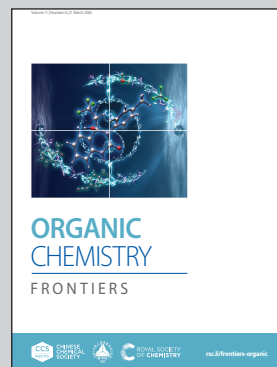


Showcasing research from Professor Abdallah Hamze's laboratory, Université Paris-Saclay, CNRS, BioCIS, 91400 Orsay, France.

Mo-catalyzed cyclization of *N*-vinylindoles and skatoles: synthesis of dihydroindolo[1,2-*c*]-quinazolines and dihydroindolo[3,2-*b*]-indoles, and evaluation of their anticancer activities

A novel synthesis method using *N*-vinylazoles produces unexpected compounds DINQ ($\text{R} = \text{Me}$) and DINI ($\text{R} = \text{H}$). Mo-catalyst is crucial for DINQ formation from skatole and for accelerating the DINI cyclization. Select compounds exhibit potent cytotoxic effects against HCT-116 cells.

As featured in:



See Olivier Provot, Christine Tran, Abdallah Hamze *et al.*, *Org. Chem. Front.*, 2024, 11, 1668.

Registered charity number: 207890