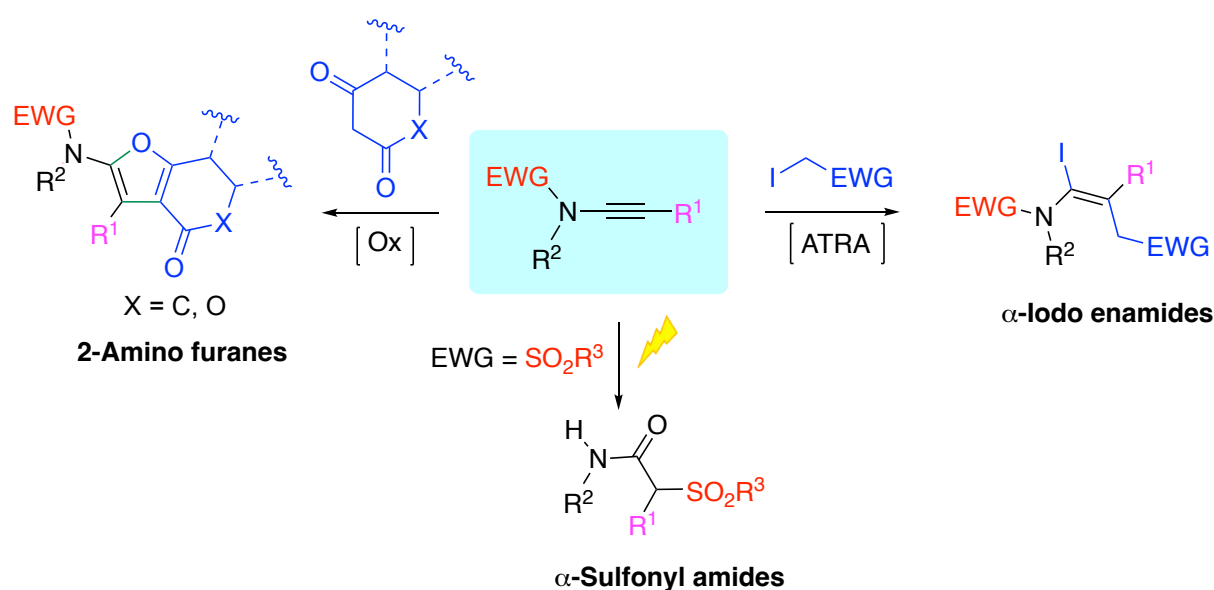


Radical Reactions Involving Ynamides

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The interest in ynamides as building blocks for organic synthesis has been growing exponentially since the turn of the century. Due to the electron donating effect of the nitrogen atom, tempered by the nature of its electron withdrawing substituent, ynamides behave as activated polarized alkynes that have been extensively used to perform regioselective, rapid, and elegant constructions of versatile *N*-containing molecules. Regarding radical chemistry, ynamides act as electron rich radical acceptors.



We present here recent advances in reactivity of ynamides towards radical in intermolecular processes. Ynamides react with electrophilic carbon centered radicals through ATRA methodology [1] or in the presence of oxidant [2] to perform one-pot synthesis of α -iodo enamides [3] and 2-amino furanes, respectively. Under light activation *N*-sulfonyl ynamides can rearrange in α -sulfonyl amides.

- [1] N. Dwadnia, H. Lingua, D. Mouysset, L. Mimoun, D. Siri, M. P. Bertrand, L. Feray, *J. Org. Chem.*, **2020**, *85*, 4114–4121.
- [2] A. Galibert-Guijarro, D. Mouysset, L. Mimoun, M. P. Bertrand and L. Feray, *J. Org. Chem.*, **2023**, *88*, 2464–2473.
- [3] L. Feray, M. P. Bertrand, A. Galibert-Guijarro *Synthesis*, **2023**, *55*, 27–44.