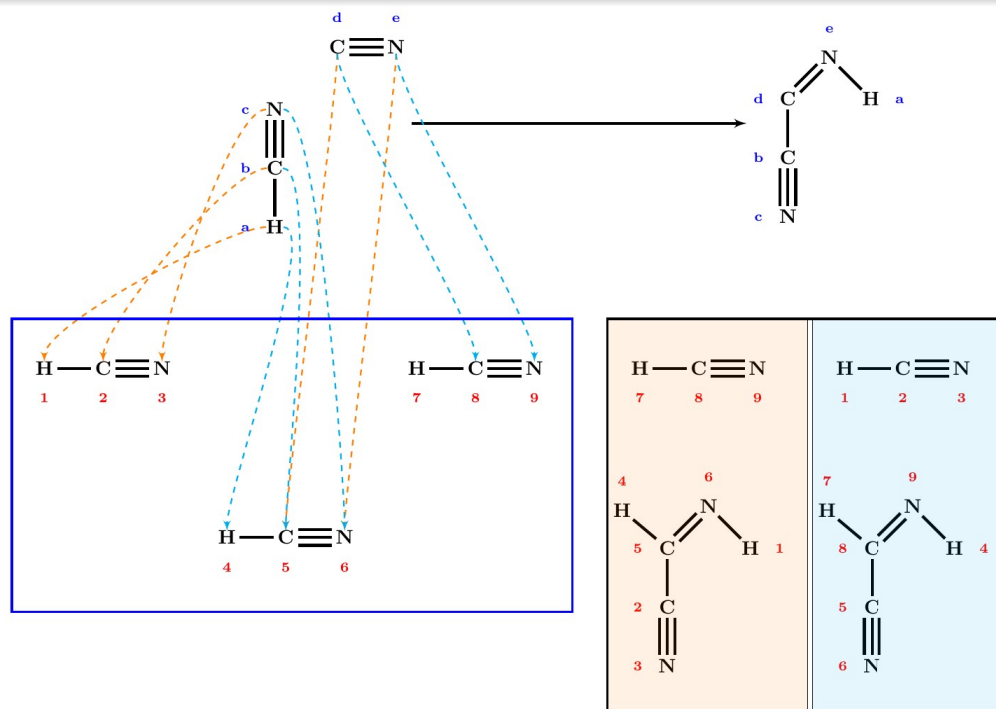# Rule-based stochastic Batch-Reactor Simulator

Problem

Given a mixture of molecules and a set of transformation rules, simulates how the mixture of molecules changes over time upon the action of the transformation rules.

Methods:

- Implement Gillespie's next reaction algorithm in `Python 3`.
- Use `RDkit` for reading, writing and transforming molecules.

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