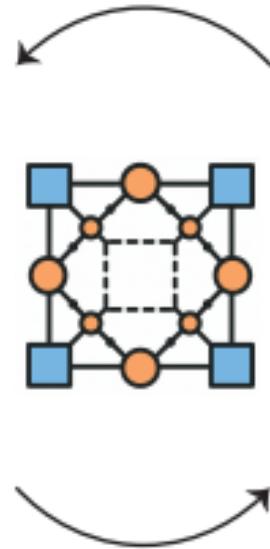


{...}  
**represent**  
CIF  
PDB  
graph  
InChI  
SMILES

**generate**  
VAE  
LLM  
GAN  
diffusion  
flow matching



**input  
structure**

**generated  
structure**

**validate**  
structure verification  
relaxation convergence  
 synthesis



**real-world  
use**

