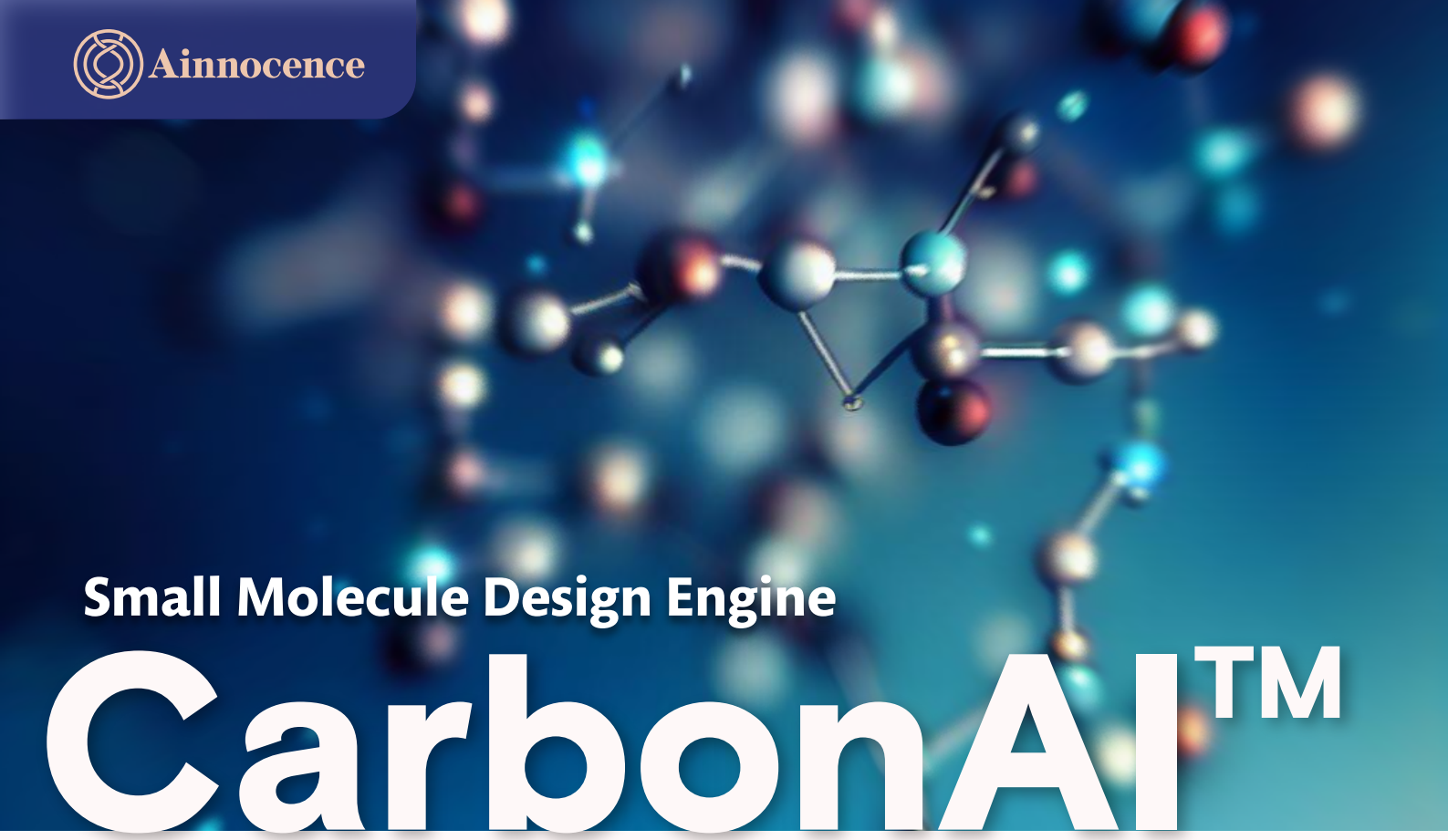
Ainnocence



## Small Molecule Design Engine

# CarbonAI™

MODULES

### MOLECULE GENERATION

Scaffold Hopping de novo Generation
Lead Optimization Analog Expansion
PROTAC de novo Generation

### GENERAL PHARMACOLOGICAL PROFILE OPTIMIZATION

ADME (Absorption, Distribution, Metabolism, Excretion) Prediction
Toxicity Prediction
DMPK Prediction

### TARGET BINDING AND SELECTIVITY OPTIMIZATION

Protein Pocket Binding Affinity Prediction
Protein Sequence Binding Affinity Prediction
Target Binding Pocket Detection
Molecular Docking

### COMPOUND OFF-TARGET PREDICTION

### APPLICATION SCENARIOS

Target Selectivity Optimization
Multiple Pharmacology Profile Optimization
Chemical Reagent Property Optimization

### WHY CHOOSE AINNOCENCE?

No Structure Required
Wet Lab Validated
Super High Throughput
Fast： Hours To Days

www.ainnocence.com
Email: service@ainnocence.com

GREAT TRUTHS ARE ALL SIMPLE