NatmolAI®

Natural Molecule AI Engine

Natural Molecule Virtual Screening

- 800K+ Natural Molecule Database Screening
- Target-Based Natural Binder Identification
- Source Origin Tracking & Availability
- Structure-Activity Relationship Analysis
- Natural Product Similarity Search

Pharmacological Optimization

- Natural Molecule ADME Enhancement
- Bioavailability Improvement
- Metabolic Stability Optimization
- Natural Scaffold Modification
- Biosynthetic Pathway Analysis

Drug Repurposing

- Natural Product Repurposing Discovery
- Multi-Target Activity Prediction
- Traditional Medicine Data Mining
- Cross-Indication Potential Assessment
- Synergistic Combination Identification

Target Analysis

- Natural Binding Affinity Prediction
- Selectivity Profile Optimization
- Protein-Natural Molecule Docking
- Mechanism of Action Elucidation

Application Scenarios

- Nutraceutical Development
- Traditional Medicine Modernization Optimization
- Green Drug Discovery
- Botanical Extract Optimizationn

Why Choose Ainnocence?

1. Largest curated natural molecule database with source tracking
2. Sustainable and environmentally conscious drug discovery
3. Lower toxicity profiles from natural origins
4. Cost-effective compared to synthetic approaches

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