CBBE
Software services,
R&D Services,
Knowledge Transfer

GSTIN: 09BBPPM9510A1ZM

**UAN: UP50D0003373** 

# **CBBE**

#### **Software: Small Molecule Evaluation**

ML-guided Functional Analog Designing Computational Bio-Assays

# **CBBE**

#### **R&D Services**

Molecular **Docking** (Ligand-Protein interaction) **QSAR** (ML/AI) based package of 05 methods

Molecular **Dynamics** (100 ns, 50 ns) (Ligand-Protein)

Other **customized** services for R&D **Publication** ready content development

# **CBBE**

#### **Knowledge Transfer**

Online-LIVE/ Offline sessions for

Computational/ ML-Al guided Research & Developments for human health care

**CBBE: Computational Biology for Biochemical Experiments** 

CBBE, a Govt. Registered entity for 'Professional Scientific & Technical activities' in the area of Computational Biology for Biochemical Experiments

Enquiry emails: RnDservices@cbbe.biz, cbbe81@gmail.com

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Software, R&D
Services, Knowledge
Transfer

Read more about our unique Science

https://smallmoles.com

Hybrid Platform for Machine Learning + Human Intelligence

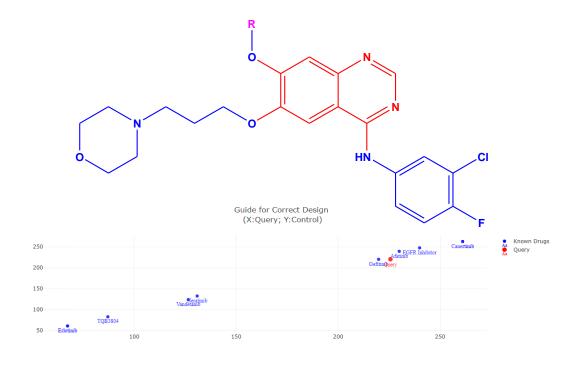


## WEB-BASED SERVICES FOR

## Control-Guided Functional-Analog Designing

## Computational Bio-Assays

### **Instant Evaluation**



DeleteRow	Query	Control	Q_Score	C_Score	Assay	Inhibition%(alongwith Normalized Conc. Gradient 0-1)	Q_Activity	C_Activity
Delete	COc3cc2ncnc(Nc1ccc(F) c(Cl)c1)c2cc3OCCCN4C COCC4	COc3cc2ncnc(Nc1ccc(F) c(Cl)c1)c2cc3OCCCN4C COCC4	222.016	222.016	EGFR- H226	0,9.09,16.67,23.08,28.57, 33.33,37.50,41.18,44.44, 47.37,50.00	Low Activity Pattern Available (0.181)	Low Activity Pattern Available (0.181)

Innovative Guidance . Intutive Design

Hybrid Platform for Machine Learning + Human Intelligence



#### **INSTANT DESIGN & EVALUATION**

### New approaches for designing of functional analogs

Perfect analog design
Estimates non-parametric activity
Fast and interactive activity prediction
Quick, easy and authentic analog
Molecule Comparison you can trust

#### APPLICABLE FOR ANY CHEMICAL SERIES

Like In-vitro, any Scaffold/ Derivative can process here. Unlike QSAR models, it is applicable for any chemical series

#### COMPREHENSIVE CONTROL-GUIDED LIGAND DESIGN

Get a deeper understanding of molecular design and SAR

Active design using in-vitro like Bioassay
Find and understand activity-cliff in your SAR
Powerful Bioassay to guide your design
New SAR insights from in-vitro like Bioassay



Request for free evaluation

Computational Biology for Biochemical Experiments



#### **OUTSTANDING CHEMICAL SERIES INDEPENDENT**

### Find functional analogs to escape IP and Toxicity traps

Customize your core to kick-start your chemistry
Find possibility of new R-groups

### EFFECTIVE COMPARISON WITH POSITIVE CONTROL

### Dramatically increase your molecular diversity

Fast and effective ligand-based approach Great leads from computational bioassay

### **RESULTS YOU CAN TRUST**

Fingerprint observation, the foundation of Success

#### **ASK FOR CUSTOMIZATION**

Ask for customized software for your target/ Cell-line



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