Subsites

TABLE subsite INTEGER PRIMARY KEY subsite_id INTEGER subsite_target ■ TEXT subsite_name TEXT subsite_metadata

TABLE subsite_tag INTEGER PRIMARY KEY subsite_taq_id

INTEGER subsite_tag_ref TEXT subsite_tag_metadata

Protein

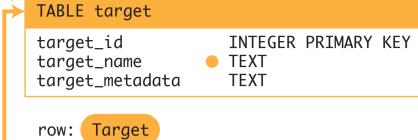


TABLE feature

INTEGER PRIMARY KEY feature_id TEXT feature family INTEGER feature_target feature_chain_name TEXT TEXT feature_residue_name INTEGER feature residue number → TEXT feature atom names

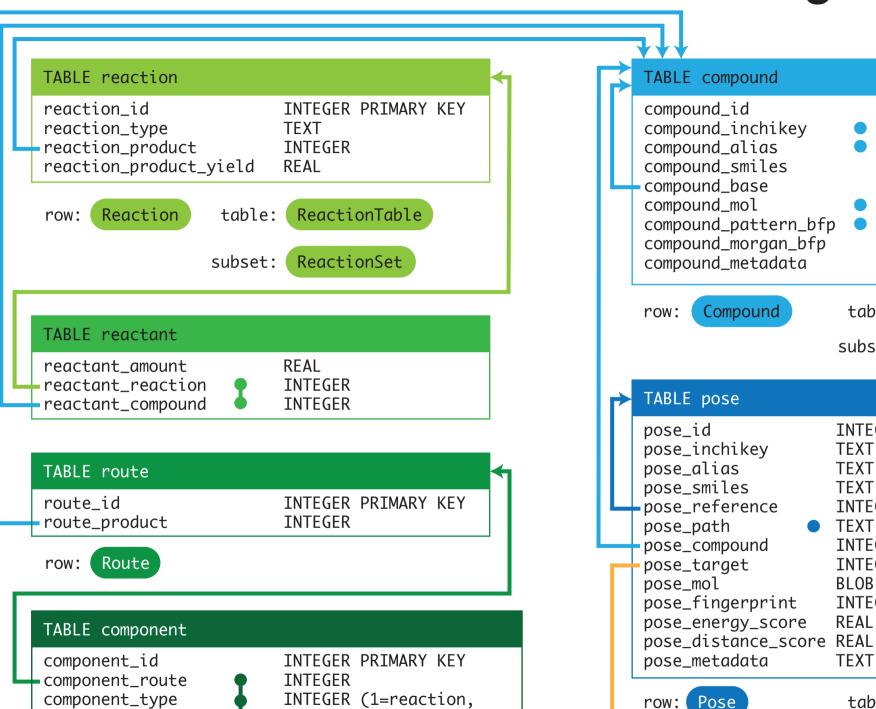
row: Feature

subset: FeatureSet

Interactions

TABLE interaction INTEGER PRIMARY KEY interaction id interaction feature INTEGER interaction_pose **♦** TEXT interaction_type **♦** TEXT interaction_family TEXT interaction_atom_ids TEXT interaction_prot_coord interaction_lig_coord TEXT interaction_distance REAL REAL interaction_anale REAL interaction_energy

Reactions



INTEGER

REAL

component_ref

component_amount

2=reactant,

3=intermediate)

Ligands

TEXT

TEXT

TEXT

MOL

TEXT

INTEGER

bits(2048)

bits(1024)

table: CompoundTable

subset: CompoundSet

INTEGER PRIMARY KEY

table: PoseTable

subset: PoseSet

TEXT

TEXT

TEXT

TEXT

INTEGER

INTEGER

INTEGER

INTEGER

BLOB

TEXT

INTEGER PRIMARY KFY

Procurement

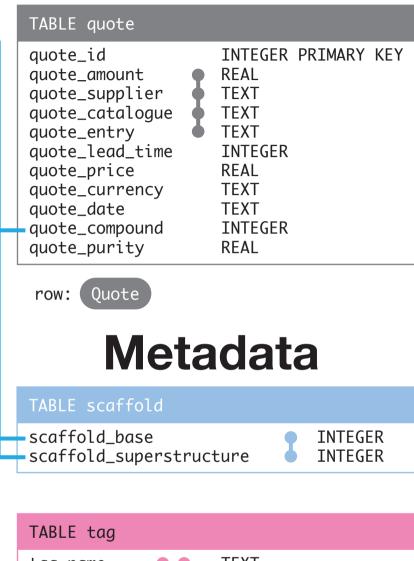




table: TagTable subset: TagSet

TABLE inspiration

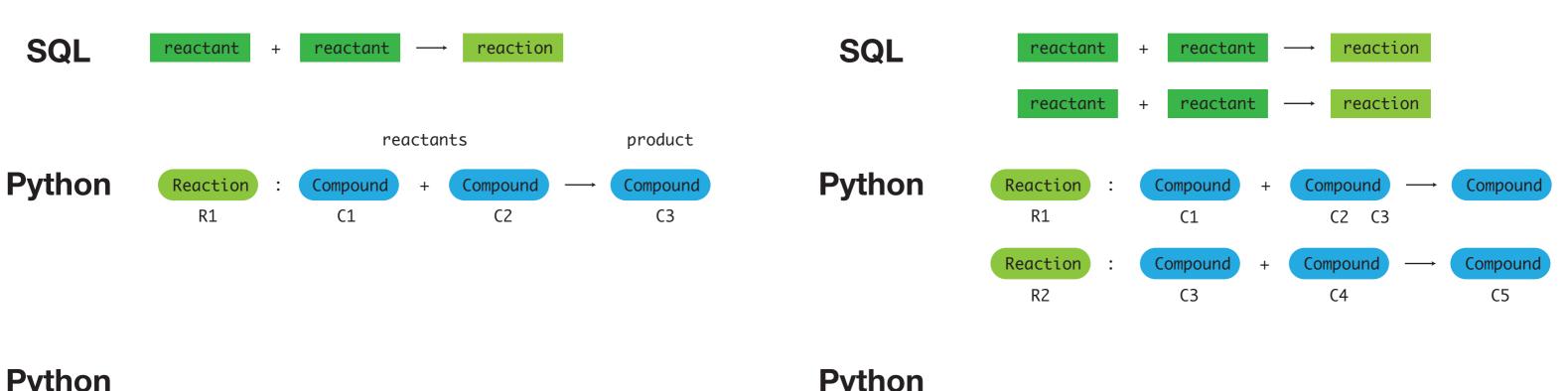
inspiration_original INTEGER inspiration_derivative 🌢 INTEGER

Single-Step Synthetis

Two-Step Synthesis

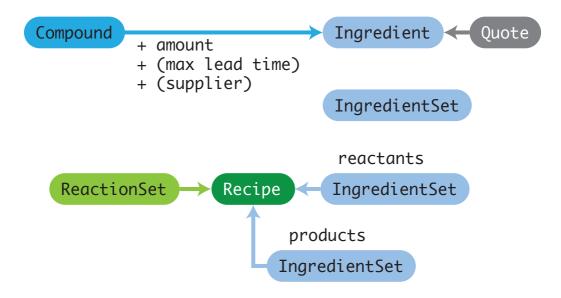
Ingredient

x mg of C3





Derived Classes



Subsites

id BigAuto(PK) target ForeignKey(Target) name Char[30] metadata JSON poses M2M(Pose, SubsiteMember)

id BigAuto(PK) subsite ForeignKey(Subsite) pose ForeignKey(Pose) atom_ids JSON metadata JSON

Protein

TargetModel id BigAuto(PK) name ○ Char[60] metadata JSON

Interactions

id BigAuto(PK) feature ForeignKey(Feature) pose ForeignKey(Pose) type Char[30] family Char[30] atom_ids JSON prot_coord JSON lig_coord JSON distance REAL angle REAL energy RFAI	InteractionModel			
3.13. 97	feature pose type family atom_ids prot_coord lig_coord distance	ForeignKey(Feature) ForeignKey(Pose) Char[30] Char[30] JSON JSON JSON REAL		

Reactions

id BigAuto(PK) type Char[60] product ForeignKey(Compound) product_yield Float

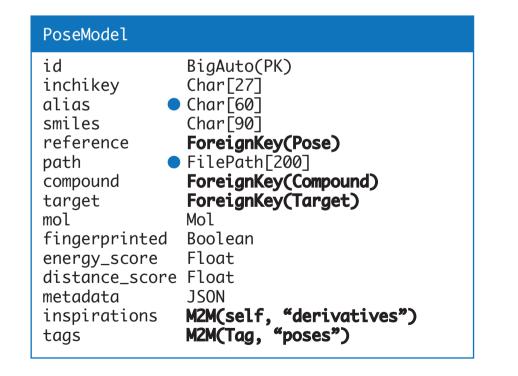
ReactantModel	
amount reaction compound	Float ForeignKey("Reaction") ForeignKey("Compound")

TABLE route	
route_id route_product	INTEGER PRIMARY KEY INTEGER

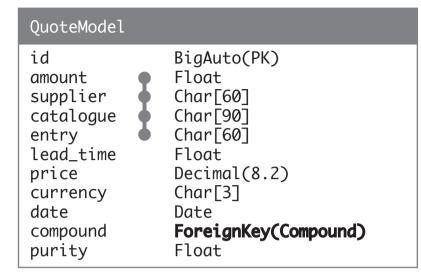
TABLE component	
component_id component_route component_type	INTEGER PRIMARY KEY INTEGER INTEGER (1=reaction, 2=reactant, 3=intermediate)
component_ref	INTEGER REAL

Ligands

CompoundModel		
	BigAuto(PK) Char[27] Char[60] Char[90] Generated(Mol) Generated(Binary) JSON M2M(self, "elaborations") M2M(Tag, "compounds")	



Procurement



Metadata

```
TagModel
id BigAuto(PK)
name Char[60]
```