Kinase Information ER Diagram

Team Zoonii | January 29, 2020

Kinase_General_Information				
KinaseInfo_ID	INTEGER PK, NonNull			
Uniprot_ACCID	Varchar(10)			
Kinase Name	VARCHAR(150), NonNull			
Kinase Symbol	VARCHAR(50), NonNull			
Group	VARCHAR(50)			
Family	VARCHAR(50)			
Sub_Family	VARCHAR(50)			
Synonym	VARCHAR(100)			
Function	VARCHAR(1000)			
Genomic Location	VARCHAR(250), NonNull			
Subcellular location	VARCHAR(150)			
PDB Image link	VARCHAR(250)			

InhibtorsREF_information

InhibitorRef_ID
Chembl_ID

Kinase Name

Inhibtors_information

Chembl_ID

Inhibitor

Smiles

RoF

MW

LogP

TPSA

HBA

HBD

NRB

Kinase families
Image_Link

InChi_Key

INTEGER PK, NonNull

Varchar(50), NonNull Varchar(150), NonNull FK

Varchar(50), PK, NonNull

Varchar(50), NonNull

Varchar(300)

Varchar(50)

NUMERIC

NUMERIC

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NUMERIC

NUMERIC

NUMERIC

NUMERIC

Varchar(50)

Varchar(50)

Substrate_information INTEGER, NonNull, PK Sub_ID KIN_ACC_ID Varchar(50), NonNull, VARCHAR(150), NonNull Kin Gene Kinase_Symbol VARCHAR(150), NonNull, FK Substrate VARCHAR(150), NonNull Sub_ACC_ID VARCHAR(150), NonNull Sub_Gene VARCHAR(150), Sub ModResidue VARCHAR(150), Site +- 7_AA VARCHAR(20) Domain VARCHAR(150) Field Туре