Kinase-Kinpendium Database ER Diagram

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InhibitorRef

InhibitorRef_ID	INTEGER, PrimaryKey, Not Null
CHEMBL _ID	TEXT, Not Null
Kinase Name	TEXT, Not Null, ForeignKey

One-To-Many

Many-To-One

KinaseInfo

Uniprot_Accesion_Number	TEXT, PrimaryKey
Kinase_Name	TEXT, Not Null
Kinase Symbol	TEXT, Not Null
Group	TEXT
Family	TEXT
Sub_Family	TEXT
Synonym	TEXT
Function	TEXT
Genomic_Location	TEXT
Subcellular_Location	TEXT
Image_Link	TEXT

Many-To-One

InhibitorInfo

Inhibitor_Name	TEXT, PrimaryKey, Not Null
Chembl_ID	TEXT, Not Null
Smiles	TEXT
Brand_Name	TEXT
Phase	INTEGER
InChi_Key	TEXT
LigID	TEXT
PDBID	TEXT
Type	TEXT
RoF	NUMERIC
MW	NUMERIC
LogP	NUMERIC
TPSA	NUMERIC
HBA	NUMERIC
HBD	NUMERIC
NRB	NUMERIC
Kinase _Families	TEXT
Chirality	TEXT
Inhibitor_Synonyms	TEXT
Image_Link	TEXT

SubstrateInfo

Substrate_ID	INTEGER, Not Null , PrimaryKey
KIN_ACC_ID	TEXT, Not Null,
Kin_Gene	TEXT, Not Null
Kinase_Symbol	TEXT, Not Null, ForeignKey
Substrate_Symbol	TEXT, Not Null
Sub_ACC_ID	TEXT, Not Null
Sub_Gene	TEXT
Sub_Mod_Rsd	TEXT
Site_AA	TEXT
Sub_Domain	TEXT
Chromosome	INTEGER
Leg	NUMERIC