

Node Type	Description	Primary Key	PK Description	Keys
ATC	The <i>Anatomical Therapeutic Chemical Classification System Code</i> for a given <b>Protein</b> node	Code	A given ATC Code	Name
AdministrationRoute	The different routes (oral, topical...) a given <b>Drug</b> may be administered via	WikiData_ID	The node's identifier in the WikiData Database	Name, URL
BioSpecimen	A laboratory specimen (blood, urine...) a <b>Sample</b> and/or <b>Measurement</b> can be taken from	Name	A text chain that shortly defines the node	Specimen_Type, URL
Cause	The cause of a given <b>Disease</b>	WikiData_ID	The node's identifier in the WikiData Database	Name, URL
CelularLocation	The cellular compartment where a given <b>Drug</b> , <b>Metabolite</b> or <b>Protein</b> may be found	Name	A text chain that shortly defines the node.	-
Cohort	A group of <b>Subject</b> nodes that share some common characteristics	Name	A text chain that shortly defines the node.	Abbreviation, Citation, Country, Description, Exposome_Explorer_ID, PubMed_ID, Study_Design_Type, URL
Company	The company that manufactures, produces or packages some <b>Drug</b>	Name, URL	The company's name and URL of its website	Generic, Manufacturer, Packager
Disease	An illness that can afflict humans	Name	A text chain that shortly defines the node.	Alternative_Names, Anatomical_Location, Disease_Ontology_ID, Exposome_Explorer_ID, HPO_ID, ICD_11, ICD_10, KEGG_ID, OMIM_ID, URL, WikiData_ID
Dosage	A dosage a given <b>Drug</b> is approved to be administered as. <b>NOTE:</b> Due to problems with the DBs this nodes come from, the PK has been established as "Route", which is not the most coherent, but was the only key present in all nodes.	Route	The route a given dose is administered as	Strength, Form
Drug	A medicament that might be used to treat a given <b>Disease</b> , due to it targeting some <b>Protein</b> or <b>Metabolite</b> <b>NOTE:</b> Since all nodes in this category come originally from DrugBank, their DrugBank_Ids can be used as PK	DrugBank_ID	The node's identifier in the DrugBank Database.	Average_Mass, CAS_Number, ChEBI_ID, ChEMBL_ID, ChemSpider_ID, , Formula, InChI, InChIKey, KEGG_ID, LiverTox, Name, Pregnancy_Category, PubChem_ID, SMILES, URL, WikiData_ID
ExperimentalMethod	The method used during a given study. <b>NOTE:</b> Since all nodes in this category come originally from Exposome Explorer, their Exposome_Explorer_Ids can be used as PK	Exposome_Explorer_ID	The node's identifier in the Exposome Explorer DB	Alternative_Names, Method_Type, Name
ExternalEquivalent	An exact external equivalent for an item in our database	URL	The URL of the resource	Resource_Name, WikiData_ID
Gene	A gene that may codify a given <b>Protein</b> or <b>Metabolite</b>	WikiData_ID	The node's identifier in the WikiData Database	Chromosome_Location, Cytogenetic_Location, Ensembl_Gene_ID, Entrez_ID, HGNC_ID, HomoloGene_ID, Name, OMIM_ID, URL, Strand_Orientation, Genomic_End, Genomic_Start
GeneOntology	A controlled vocabulary describing a <b>Gene</b> and the attributes of its gene products <b>NOTE:</b> Since the only category present in all nodes is " <b>Description</b> ", this was set as PK	Description	A text chain that shortly defines the node.	Category, GO_ID
Measurement	A measurement taken of a <b>Metabolite</b> from a given <b>Sample</b>	Value	The value of a given measurement	Adjusted_On, Adjustment_Type, Ancestry, Comments, Concentration_Detected_Min, Concentration_GeoMean, Concentration_GeoSD, Concentration_InterQuartile_Range, Concentration_Max, Concentration_Mean, Concentration_Median, Concentration_Min, Concentration_Percentile_05, Concentration_Percentile_10, Concentration_Percentile_25, Concentration_Percentile_75, Concentration_Percentile_90, Concentration_Percentile_95, Concentration_SD, Confidence_Interval_95_Geo_Lower, Confidence_Interval_95_Geo_Upper, Confidence_Interval_95_Lower, Confidence_Interval_95_Upper, Detected_Only, Detected_Proportion, Detected_Size, Exposome_Explorer_ID, Food_Items, Normal, Regressed_On, Size, Supplement_Inclusion
MeSH	The <i>Medical Subject Heading</i> of a given item	Category	A text description of the MeSH category	MeSH_ID
Pathway	A linked series of chemical reactions occurring within a cell	SMPDB_ID	The node's ID in the Small Molecule Pathway DB	Category, PW_ID, Description, Kegg_ID, Name
PFam	A database of <b>Protein Families</b> that includes their annotations and multiple sequence alignments generated using hidden Markov models	PFAM_ID	The node's ID in the PFAM database	Name
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Product	Something produced by a <b>Company</b> ; usually, a drug or a medicine	Name	A text chain that shortly defines the node.	Approved, Country, DPD_ID, Dosage_Form, EMA_MA_Number, EMA_Product_Code, Ended_Marketing_On, FDA_Application_Number, Generic, Ingredient, Labeller, NDC_ID, NDC_Product_Code, Over_the_Counter, Route, Source, Started_Marketing_On, Strength, URL, WikiData_ID
Subject	A subject form which a <b>Measurement</b> has been taken	Exposome_Explorer_ID	The node's identifier in the Exposome Explorer DB	Age_Max, Age_Mean, Age_Median, Age_Min, Age_SD, Ancestry, BMI_Max, BMI_Mean, BMI_Median, BMI_Min, BMI_SD, Country, Description, Ethnicity, Female_Proportion, Weight_Min, Weight_SD, Gender, Health_Condition, Height_Max, Height_Mean, Height_Median, Height_Min, Height_SD, Name, Nb_of_Cases, Nb_of_Controls, Size, Smoker_Proportion, Supplement_Exclusion, Weight_Max, Weight_Mean, Weight_Median,
Metabolite	An intermediate or end product of the human metabolism; usually, small molecules	ChEBI_ID, CAS_Number	The metabolite's identifier in the ChEBI and CAS databases	Acceptor_Count, Alternative_Names, Antibiotic, Average_Mass, Average_Molecular_Weight, Bacterial_Source, Bigg_ID, Bioavailability, Boiling_Point, CAS_Number, ChEBI_ID, ChEMBL_ID, ChemSpider_ID, Component_ID, Description, Donor_Count, DrugBank_ID, Exposome_Explorer_ID, FooDB_Compound_ID, FooDB_Food_ID, Formal_Charge, Formula, Function, Ghose_Filter, HMDB_ID, IUPAC, Identification_Method, InChI, InChIKey, KEGG_ID, KNApSAcK_ID, Level, MDDR_Like_Rule, METLIN_ID, Melting_Point, Metabolite_ID, Microbial_Metabolite, Monoisotopic_Molecular_Weight, Name, Number_of_Rings, Organism, PDB_ID, Phenol_Explorer_Compound_ID, Physiological_Charge, Polar_Surface_Area, Polarizability, PubChem_ID, Publication_ID, Refractivity, Ro5, Rotatable_Bond_Count, SMILES, Secondary_HMDB_IDs, State, Status, Substrate, Synonyms, Transporter_DB_ID, URL, UniProt_ID, VMH_ID, Verber_Rule, Water_Solubility, WikiData_ID, Wikipedia_Article, logP, logS, Pka_Strongest_Acidic, pKa_Strongest_Basic
Sample	A sample from which a <b>Measurement</b> can be taken	Exposome_Explorer_ID	The node's identifier in the Exposome Explorer DB	Intake_Food_Coverage, Intake_Time_Coverage, Intervention_Dose, Repetitions, Ancestry, Time_Definition, Time, Intake_Tool
Publication	An academic reference for a given fact	Title	The title of the publication	Authors, DOI, Date, Exposome_Explorer_ID, First_Author, Full_Annotation, Intake_Count, Issue, Metabolomics, Notes, Pages, PubMed_ID, Public, Publication, Study_Design_Type, Title, Volume
Sequence	A sequence for a given <b>Protein</b>	Sequence	A genomic or proteic sequence	UniProt_ID, Type, Format, Locus, Chromosome_Location, Name
Taxonomy	A Taxonomic clade	Name	A text chain that shortly defines the node.	Type
Tissue	A diferenciated biologic material constituted by a group of cells	Name	A text chain that shortly defines the node.	URL, WikiData_ID
Protein	A macromolecule formed by a chain of aminoacids. It can also be labeled as <b>Metabolite</b>	UniProt_ID	The node's ID in the UniProt database	Absorption, Actions, Affected_Organisms, Alternative_DrugBank_Ids, Average_Mass, Average_Molecular_Weight, BindingDB, CAS_Number, ChEMBL_ID, ChemSpider_ID, Clearance, Description, DrugBank_ID, FDA_Label, Formula, Function, GenAtlas_ID, GenBank_Gene_ID, Genbank_Protein_ID, GeneCards_ID, Gene_Name, Groups, Guide_to_Pharmacology_ID, HGNC_ID, HMDB_ID, Half_Life, Hydrophobicity, IUPHAR_ID, Indication, Isoelectric_Point, KEGG_ID, Known_Action, LabelName, Locus, Mechanism_of_Action, Melting_Point, Metabolism, Name, Organism, PDB_ID, PharmGKB, Pharmacodynamics, Protein_Binding_Info, PubChem_ID, Residue_Number, Route_of_Elimination, RxCUI, SMILES, Safety_Data_Sheet, Secondary_HMDB_IDs, Source, Specific_Function, Stat, Synonyms, Taget_Name, Target_ID, Target_Organism, Target_Position, Theoretical_PI, Therapeutic_Targets_Database, Toxicity, Transmembrane_Regions, UNII, URL, Volume_of_Distribution, Water_Solubility, Wikipedia_Article, logP, pKa
Reproducibility	The conditions for reproducing a given measurement and some information to check for if the <b>Measurement</b> is, in fact, reproduced	Exposome_Explorer_ID	The node's identifier in the Exposome Explorer DB	Variance_Within, ICC_Confidence_Interval_95_Lower, Size, ICC_Confidence_Interval_95_Upper, CV_Within, ICC, CV_Between
Unit	A given unit of measurement	Name	A text chain that shortly defines the node.	Group, Converted_to_ID, Type, Name, Exposome_Explorer_ID
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