

```
1 #
2 # init for proteusPy package
3 # Copyright (c) 2022 Eric G. Suchanek, PhD., all rights reserved
4 # Subject to the GNU public license.
5 # Cα Cβ Sγ X1 - X5 X
6
7 import sys
8 import os
9 import glob
10 import warnings
11 import copy
12
13 import numpy
14 import pickle
15 import time
16 import datetime
17
18 import pandas as pd
19 from tqdm import tqdm
20 from numpy import cos
21
22 import proteusPy.turtle3D
23 import proteusPy.residue
24 import proteusPy.disulfide
25 import proteusPy.disulfideLoader
26 import proteusPy.proteusGlobals
27 import proteusPy.proteusPyWarning
28 import proteusPy.DisulfideExceptions
29 import proteusPy.DisulfideGlobals
30 import proteusPy.turtle3D
31
32 from proteusPy.proteusGlobals import *
33 from proteusPy.turtle3D import Turtle3D
34 from proteusPy.turtle3D import ORIENT_BACKBONE, ORIENT_SIDECHAIN
35
36 from proteusPy.disulfide import DisulfideList, DisulfideLoader
37 from proteusPy.disulfide import name_to_id, todeg, torad, build_torsion_df
38 from proteusPy.disulfide import parse_ssbond_header_rec, DownloadDisulfides
39 ... DisulfideExtractor
40 from proteusPy.DisulfideExceptions import DisulfideIOException,
41 DisulfideConstructionWarning, DisulfideConstructionException
42 from proteusPy.residue import build_residue, get_backbone_from_chain,
43 ... to_alpha, to_carbonyl, to_nitrogen, to_oxygen
44
45 from Bio.PDB import calc_dihedral, calc_angle
46 from Bio.PDB import Vector
47
48 # end of file
```