- 1 C:\Users\Minh\anaconda3\envs\my-rdkit-env\python.exe D:\Minh\Books\ Research\Accelerated-Paper\Github\scripts\prepare_dataset.py
- 2 Python: 63230 molecules.
- 3 Excel: 63230 molecules.
- 4 Python: 63230 molecules.
- 5 Excel: 62861 molecules.
- 6 Identical: 62861 molecules.
- 7 Python only: 369 molecules.
- 8 Python-only molecules: {'OCCC1NCNCN1', 'O=C[C@H](0)c1cccc1', 'CSc1ccc(0) cc1', 'COC1CCC(C)CC1', 'NNCC1CCCCC1', 'CC(=0)C1CCC(C)CC1', 'NN1CCOC1=0', ' C#CC#Cc1ccccc1', 'NC(=0)Cn1ccsc1=0', 'NC(=S)NC1CCCCC1', 'N#CNC1CCCCC1', CC(=0)CC1CCCCC1', 'C=C[C@H](0)C1CCCCC1', 'CC1CCC(C=0)CC1', 'C=C=CC1CCCCC1 ', 'OCC1CCCCC1', 'CN1CCN(C(N)=0)C1=0', 'COC(=0)C1CCCCC1', 'C=CCn1cccc1', ' C#CC1CCNCC1', 'CC(=0)C1CCNCC1', 'C#C/C=C/n1cccc1', 'CC(C)C1CCC(N)CC1', ' CCCCC1CCCCC1', 'C=CC(=C)c1ccccc1', '0=CCC1CCCCC1', 'CCn1cccnc1=0', 'C# CCOC1CCCCC1', 'C#C/C=C/C1CCCCC1', 'CCC(=0)C1CCCCC1', '0=C(0)Nc1ccccc1', FC(F)Oc1ccncc1', 'CN(C)Cc1ccncc1', 'CN1Cc2cccnc2C1', 'C=C1CCC(=C)CC1', 'O= NOC1CCCCC1', 'C=C(C)CC1CCCCC1', 'CNc1ccc(N)cc1', 'CCOC1CCC(O)CC1', 'C=C[C@ H](C)N1CCCC1', 'CNCCn1cccc1', 'NOC1CCCCC1', 'CC(C)CC1CCCCC1', CSCSc1ccccc1', 'C[C@H](CO)C1CCCCC1', 'NCCSc1ccccc1', 'c1cocn1', 'C#C[C@H](0)C1CCCCC1', 'CS(=0)(=0)C1CCNCC1', 'C1CCNCC1', 'C[S@](=0)c1ccc(N)cc1', ' NCCC1CCCCC1', 'COCc1ccncc1', 'C#CCC1CCCCC1', 'CC[C@H](N)c1ccccc1', ' COCCc1ccccc1', 'NC(=0)OC1CCCCC1', 'CCCn1ccoc1=0', 'CCCCn1cccc1', 'C[C@@H](S)C1CCCCC1', 'CSCC1CCC(C)CC1', '0=c1ccocc1', '0=CC#Cc1ccccc1', 'CCCn1cccc1 ', 'OCCSC1CCCCC1', 'C=C(C)Cn1cccc1', 'COCCn1cccc1', 'C[C@H](CN)N1CCCC1', C=CCOc1ccncc1', 'CCOCc1ccncc1', 'C[C@H](N)CC1CCCCC1', 'CC1CCC([C@H](C)0) CC1', 'N#Cc1ccc(C=0)cc1', 'C[S@@](=0)c1ccc(N)cc1', 'O=C(0)C1CCC(F)CC1', ' COclcc(CN)ccl', 'CNC(=0)C1CCCCCl', 'C/C=N/C1CCCCCl', 'C=CCC1CCC(C)CCl', ' $\label{eq:ncc1ccc} \texttt{NCC1CCC}(0)\texttt{CC1'}, \ '\texttt{NNC}(=0)\texttt{C1CCCCC1'}, \ '\texttt{0}=\texttt{C}(0)\texttt{N1CCCC1'}, \ '\texttt{CC}(\texttt{C})\texttt{SC1CCCCC1'}, \ '\texttt{NC}[$ C@H](0)c1ccccc1', '0=CC0C1CCCCC1', 'CCC(=0)n1cccc1', 'OC(0)C1CCCCC1', ' c1ccc2cccc2c1', 'CCCNc1ccccc1', 'c1ccccoccc1', 'ONCc1ccccc1', 'ONC1CCCCC1 ', 'NN1CCc2cccc21', 'CC1CCC(C(N)=0)CC1', '0=CNC1CCCCC1', 'NC(=0)c1ccc(0) cc1', 'CCCSc1ccccc1', 'CCCN1CCC(=0)CC1', 'O=C1OCCN1CCO', 'CC(=0)N1CCC(=0) CC1', 'CNCCC1CCNCC1', 'CCCOC1CCNCC1', 'OCCNc1ccncc1', 'CN1CCCCC1=N', ' CC1CCC(00)CC1', 'CCSC1CCCCC1', 'CCC#CC1CCCCC1', 'C=C1C[C@0H]1C1CCCCC1', 'N#CC1CCC(CN)CC1', 'CCCC(=0)n1cccc1', 'CSCCC1CCCCC1', 'CS(=0)(=0)C1CCCCC1 ', 'NC(N)=NC1CCCCC1', 'CC1CCC(CN)CC1', 'C[C@H](0)Cc1ccccc1', 'c1cncnc1', ' C[C@H](C#N)n1cccc1', 'CCC1CCC(C=0)CC1', 'CN(C)CCn1cccc1', 'N=C1CC1', 'C[C@ H](CO)N1CCCC1', 'O=C1CCCCCC1', 'CCOC(=0)n1cccc1', 'O=CN1CCCCC1=0', 'CC(C) C1CCCCC1', 'C[C@H](S)c1ccccc1', 'C=CC1CCC(0)CC1', 'Cc1ccncc1', 'CC(C)n1ccc (=0)cc1', 'FC(Cl)(Cl)c1ccccc1', 'NCCC1CCNCC1', '00C1CCCCC1', '0=C0C1CCCCC1 ', 'N=C(N)SC1CCCCC1', 'CCCC1CCNCC1', 'Cn1ccc(=NN)cc1', 'C1CNC2NCCCC2C1', ' OCCn1ccnc1', 'OCc1ccncc1', 'CCn1ccc(=0)cc1', 'CC(C)OC1CCNCC1', 'CS(=0)(=0) $\verb|n1cccc1'|, \verb||'N[C@0H](CF)c1ccccc1'|, \verb||'NS(=0)(=0)c1ccncc1'|, \verb||'CCN(C)c1ccccc1'|, \verb||'NS(=0)(=0)c1ccncc1'|, \verb||'CCN(C)c1ccccc1'|, \verb||'NS(=0)(=0)c1ccncc1'|, \verb||'CCN(C)c1ccccc1'|, \verb||'NS(=0)(=0)c1ccncc1'|, \verb||'NS(=0)(=0$ CCCN1CCCCC1=0', 'CCc1ccc(N)cc1', 'Cn1ccc(=0)o1', 'C1CCCCC1', 'Cn1ccn(C0)c1 =0', 'COC1CCCCC1', 'CNCc1ccc(C)cc1', 'C[C@]1(C2CCCCC2)CO1', 'C1CCC(C2CNC2) CC1', 'CCNCCn1cccc1', 'O=C(0)c1ccccc1', 'CCNCc1ccncc1', 'C=C(C)c1ccccc1 ', 'CC(C)Cn1cccc1', 'Cn1cnc(=0)n(C)c1=0', 'C/N=c1\\n(C)ccn1N', 'CNC1CCC(C) CC1', 'COC(=0)n1ccoc1=0', 'C#CCOc1ccncc1', 'CCN1CCCC1', 'CCCCN1CCNC1', 'CC (C)SC1CCNCC1', 'CCN(C)c1ccncc1', 'Cc1ccc(NN)cc1', 'C[C@H](0)Cc1ccncc1', ' CSCOC1CCCCC1', 'C[C@H](0)C1CCNCC1', '0=[N+]([0-])C1CCCCC1', 'C=CCSc1ccccc1

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8 ', 'CCCc1ccc(C)cc1', 'COCc1ccc(N)cc1', 'C=CCCC1CCCCC1', 'CCCC1CCCCC1', '
   C1CCn2nnnc2C1', 'O=[N+]([O-])CC1CCCCC1', 'NCCNC1CCCCC1', 'CCCNc1ccncc1', '
  N#Cclccc(C#N)ccl', 'OCCCCnlccccl', 'CC[C@H](0)ClCCNCCl', 'CN(C)CClCCCCl
   ', 'CCS(=0)(=0)N1CCCC1', 'CCOC1CCCCC1', '0=C(0)Cn1ccsc1=0', 'NCCc1ccc(N)
  cc1', 'CNC1CCC(CO)CC1', 'C[C@H](C=O)N1CCCC1', 'OCCc1ccc(O)cc1', 'CNC(=O)
   n1cccn1', 'COC(=N)c1ccccc1', 'O=C1CCC1=O', 'COCC1CCCCC1', 'NC(=S)Cc1ccccc1
   ', 'CC(C)(0)C1CCCCC1', 'c1cnccn1', 'CCCCc1ccncc1', 'CCc1ccc(CC)cc1', 'C=
  CCN1CCCCC1=0', 'CCSCC1CCCCC1', 'CCCOC1CCCCC1', 'CC(=0)c1ccc(0)cc1', 'CC[C@
  H](0)c1ccccc1', 'C/C=C/Cc1ccccc1', 'C=CCC1CCCCC1', 'CO[C@H](C)C1CCCCC1',
  0=C1CCCCN1CO', 'NCCCn1cccc1', 'c1ccoc1', '0=C(00)c1ccccc1', '0=S(=0)(0)
  clccccc1', 'N#Cclccc(0)ccl', 'CCclncccn1', 'FC(F)CClCCNCCl', 'ClCCC(NC2CC2
)CCl', 'COC(=0)clccnccl', 'COC(=0)nlccccl', 'CCclccnccl', 'CC(=0)ClCCCCCl
   ', 'CN(C)N1CCCC1', 'CCNCc1ccccc1', 'C1CCC(N2CCC2)CC1', 'C=COC1CCCCC1', '
  OCCclcccccl', 'C/C=C/CN1CCCCl', 'CC(C)CCn1ccccl', 'CN1CCc2cnncc2l', 'C#
  CCn1cccc1', 'NCc1ccccc1', 'NCc1ccncc1', 'NCCN1CCCCC1=0', 'NN1CCCCC1=0', '
  NC(=S)c1ccncc1', 'C=C[C@H](C)C1CCCCC1', 'CCOc1ccncc1', 'CSCC1CCCCC1', '
  NNCCclcccccl', '00CClCCCCCl', 'C0C0ClCCCCCl', '0=C(N0)ClCCCCCl', 'CC(F)(F)
  clccncc1', 'NC1CCCCC1', 'C[C0H](N)clccccc1', 'CCC1CCCCC1', 'C[S00](=0)
  CC1CCCCC1', 'N#C/C=C/C1CCCCC1', 'C[C@H](C=0)C1CCCCC1', 'CNCC1CCC(N)CC1', '
  CC(=0)Oc1ccncc1', 'C1CNOC1', 'FCCSC1CCCCC1', 'N[C@H](CF)c1ccccc1', 'O=C(0)
  Cn1cccc1', 'c1ccc([C@0H]2C02)cc1', '0=CC1CCC(C=0)CC1', '0CC0c1ccncc1', '
  C1Cn2nnnc2CN1', 'C#CC1CCCCC1', 'C0[C@H](C)C1CCNCC1', 'C0c1ccc(C#N)cc1',
   CSCCc1ccncc1', 'OC[C@H](0)c1ccncc1', 'CN1CCN(C)C1=N', 'C#CC(=C)C1CCCCC1
   ', 'CCCc1ncccn1', 'CC[S0](=0)C1CCCCC1', 'OCC1CCC(0)CC1', 'C[C0H](0)c1ccc(0
  )cc1', 'NCCCc1ccccc1', 'C1CCN(C[C@0H]2CO2)C1', 'OCN1CCCC1', 'C[S@](=0)
  CC1CCCCC1', 'CN1CCc2cccc21', 'O=C=NCC1CCCCC1', 'C1CCNNC1', 'CC(C)N1CCCC1
   ', '0=C1CCCCN10', 'OC[C@H](0)c1ccccc1', 'CC1CCC(ON)CC1', 'COn1ccccc1=0', '
  CC[C@H](C)C1CCCC1', 'N[C@H]1C[C@H]1c1ccccc1', 'Cn1cc2cccc2c1', 'CC(=0)
  n1cccc1', 'CN1CCc2cnccc21', 'CCOC1CCC(N)CC1', 'Cn1cnc2ccccc21', 'NS(=0)(=0
  )clcccccl', 'COclncc(C=0)cnl', 'O=Nclccnccl', 'COCnlccccl', 'C=CC(=0)
  c1ccccc1', '0=C(CF)c1ccccc1', 'C[C@H](C#N)C1CCCCC1', 'CNCCC1CCCCC1', 'N#
  CCCN1CCCC1', 'CO/C=C/C1CCCCC1', 'CNN1CCCC1', 'C=CCOC1CCCCC1', 'C[C@H](0)
   c1ccccc1', 'CN(C)C(=0)N1CCCC1', 'O=CN1CCCC1', 'CCN(0)c1ccccc1', 'C#CC(=0)
  C1CCCCC1', 'CN1CCC(=N)CC1', 'CC(C)(N)C1CCCCC1', 'CONCC1CCCCC1', 'C/C=C/
  c1ccccc1', 'NN1CCCC1', 'CN(0)c1ccccc1', 'C=CC1CCCCC1', 'COn1ccc(=0)cc1', '
  N=C1SCCN1CC(=0)0', C[C@H](N)c1ccc(F)cc1', NCC1CCC(N)CC1', O=S(=0)(0)
  c1ccncc1', 'C[C@H](0)Cn1cccc1', 'C=CCn1ccc(=0)cc1', 'C1CCC(C2CC2)CC1', 'N#
  CC#CC1CCCCC1', 'Oc1cncnc1', 'O=C/C=C/C1CCCCC1', 'N=C=NC1CCCCC1', 'C=
  CCNC1CCCCC1', 'CCC1CCC(C)CC1', 'COc1ccncc1', 'Cn1ccn(C)c1=NN', '
  CN1Cc2ccncc2C1', 'OCCCn1cccc1', 'CCNC1CCC(N)CC1', 'CC(=0)OC1CCCCC1', 'C=C(
C)C1CCC(C)CC1', 'O=C1NCCCN10', 'C=CCCn1cccc1', 'C#CCCCn1cccc1', 'N#
  CCOC1CCCCC1', 'CS(=0)(=0)c1ncccn1', 'CN(C)c1ccc(N)cc1', 'C#COC1CCCCC1', 'C
   [C@H](NN)c1ccccc1', 'ON=C1CCCCCC1', 'CN1CCC(=0)N1C', 'COc1ccc(0)cc1', 'CC[
  S@[(=0)c1ccccc1', 'N\#C[C@H](N)C1CCCCC1', 'CC(C)c1ncccn1', 'S=C(S)
  NC1CCCCC1', 'CNCC1CCCCC1', 'CC(=0)n1ccoc1=0', 'NCCCC1CCNCC1', '0=CC1CCCCC1
   ', '0=C1CCC(=0)C1=0', 'NC(=0)Cc1ccccc1', 'CC(C)(0)c1ccncc1', 'CC(C)=
   \texttt{Cc1ccncc1', 'CC(C)C(=0)n1cccc1', 'CN[C@H](C)c1ccccc1', 'C1=C(n2cccc2)CCC1 }  
   ', 'N#CCCCn1cccc1', 'C[C@0H](N)c1ccc(F)cc1', 'CC(=0)N1CCNC1', 'CNCc1ccncc1
   ', 'c1cnn2nnnc2c1', 'CN[C@H](C)C1CCNCC1', 'CCNC(=0)n1cccn1'}
9 Excel only: 0 molecules.
10 Excel-only molecules: set()
```

	propare_datas				
11 12 13	Process	finished	with	exit	code 0
-0					