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GENERATED BY OPEN BABEL 2.3.1

REMARK 4 XXXX COMPLIES WITH FORMAT V. 2.0

| | | | | | | | | | | | |
|-------|-----|-----|-------|------|-----|------|---|--|--|--|----|
| HELIX | 249 | 249 | SER | 2 | PHE | 7 | 1 | | | | 6 |
| HELIX | 250 | 250 | TRP | 12 | LEU | 52 | 1 | | | | 41 |
| HELIX | 251 | 251 | SER | 63 | ASP | 131 | 1 | | | | 69 |
| HELIX | 252 | 252 | GLY | 136 | THR | 176 | 1 | | | | 41 |
| HELIX | 253 | 253 | THR | 182 | VAL | 220 | 1 | | | | 39 |
| HELIX | 254 | 254 | ILE | 228 | PHE | 234 | 1 | | | | 7 |
| HELIX | 255 | 255 | LYS | 239 | ILE | 256 | 1 | | | | 18 |
| HELIX | 256 | 256 | ILE | 260 | SER | 290 | 1 | | | | 31 |
| HELIX | 257 | 257 | VAL | 298 | ASP | 337 | 1 | | | | 40 |
| HELIX | 258 | 258 | LYS | 400 | GLN | 408 | 1 | | | | 9 |
| HELIX | 259 | 259 | ILE | 425 | THR | 427 | 1 | | | | 3 |
| HELIX | 260 | 260 | VAL | 430 | ILE | 436 | 1 | | | | 7 |
| HELIX | 261 | 261 | ILE | 451 | GLY | 458 | 1 | | | | 8 |
| HELIX | 262 | 262 | MET | 464 | GLU | 473 | 1 | | | | 10 |
| HELIX | 263 | 263 | TYR | 477 | LYS | 482 | 1 | | | | 6 |
| HELIX | 264 | 264 | LYS | 486 | ASP | 488 | 1 | | | | 3 |
| HELIX | 265 | 265 | GLY | 500 | ARG | 514 | 1 | | | | 15 |
| HELIX | 266 | 266 | THR | 530 | ARG | 544 | 1 | | | | 15 |
| HELIX | 267 | 267 | LEU | 556 | VAL | 559 | 1 | | | | 4 |
| HELIX | 268 | 268 | HIS | 579 | GLU | 585 | 1 | | | | 7 |
| HELIX | 269 | 269 | ILE | 588 | THR | 594 | 1 | | | | 7 |
| HELIX | 270 | 270 | ARG | 609 | THR | 616 | 1 | | | | 8 |
| HELIX | 271 | 271 | VAL | 622 | THR | 650 | 1 | | | | 29 |
| HELIX | 272 | 272 | THR | 657 | ARG | 708 | 1 | | | | 52 |
| HELIX | 273 | 273 | VAL | 711 | ASP | 715 | 1 | | | | 5 |
| HELIX | 274 | 274 | THR | 721 | ILE | 762 | 1 | | | | 42 |
| HELIX | 275 | 275 | THR | 768 | GLU | 812 | 1 | | | | 45 |
| HELIX | 276 | 276 | PHE | 814 | THR | 816 | 1 | | | | 3 |
| HELIX | 277 | 277 | GLU | 823 | ALA | 871 | 1 | | | | 49 |
| HELIX | 278 | 278 | GLU | 882 | VAL | 901 | 1 | | | | 20 |
| HELIX | 279 | 279 | ALA | 909 | GLU | 923 | 1 | | | | 15 |
| HELIX | 280 | 280 | ARG | 957 | ASP | 959 | 1 | | | | 3 |
| HELIX | 281 | 281 | LYS | 986 | GLU | 994 | 1 | | | | 9 |
| HELIX | 282 | 282 | VAL | 1016 | ALA | 1021 | 1 | | | | 6 |
| HELIX | 283 | 283 | ILE | 1037 | ILE | 1041 | 1 | | | | 5 |
| HELIX | 284 | 284 | GLN | 1052 | ALA | 1062 | 1 | | | | 11 |
| HELIX | 285 | 285 | HIS | 1065 | GLU | 1069 | 1 | | | | 5 |
| HELIX | 286 | 286 | LYS | 1074 | SER | 1076 | 1 | | | | 3 |
| HELIX | 287 | 287 | ASP | 1081 | GLY | 1083 | 1 | | | | 3 |
| HELIX | 288 | 288 | GLY | 1088 | ARG | 1102 | 1 | | | | 15 |
| HELIX | 289 | 289 | THR | 1118 | ALA | 1131 | 1 | | | | 14 |
| HELIX | 290 | 290 | THR | 1146 | GLN | 1148 | 1 | | | | 3 |
| HELIX | 291 | 291 | HIS | 1167 | ALA | 1172 | 1 | | | | 6 |
| HELIX | 292 | 292 | ILE | 1176 | GLN | 1184 | 1 | | | | 9 |
| SHEET | 111 | 111 | 1 LEU | 359 | ARG | 362 | 0 | | | | |
| SHEET | 112 | 112 | 1 VAL | 364 | PHE | 366 | 0 | | | | |
| SHEET | 113 | 113 | 1 LEU | 377 | LEU | 380 | 0 | | | | |
| SHEET | 114 | 114 | 1 LEU | 382 | VAL | 384 | 0 | | | | |
| SHEET | 115 | 115 | 1 THR | 389 | VAL | 393 | 0 | | | | |
| SHEET | 116 | 116 | 1 MET | 417 | SER | 419 | 0 | | | | |
| SHEET | 117 | 117 | 1 ILE | 437 | SER | 441 | 0 | | | | |
| SHEET | 11 | | | | | | | | | | |

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|---------|-------|-------|-------|-------|--------|--------|--------|------|------|---|
| ATOM | 931 | CA | VAL | 100 | 42.223 | 57.541 | 12.217 | 1.00 | 0.00 | C |
| ATOM | 932 | CB | VAL | 100 | 41.564 | 56.399 | 12.933 | 1.00 | 0.00 | C |
| ATOM | 933 | CG1 | VAL | 100 | 41.361 | 56.789 | 14.408 | 1.00 | 0.00 | C |
| ATOM | 934 | CG2 | VAL | 100 | 40.271 | 56.030 | 12.186 | 1.00 | 0.00 | C |
| ATOM | 958 | HN | TRP | 103 | 43.676 | 60.371 | 12.390 | 1.00 | 0.00 | H |
| ATOM | 960 | CB | TRP | 103 | 42.044 | 61.476 | 14.036 | 1.00 | 0.00 | C |
| ATOM | 961 | CG | TRP | 103 | 41.243 | 62.222 | 15.086 | 1.00 | 0.00 | C |
| ATOM | 962 | CD2 | TRP | 103 | 39.840 | 62.522 | 14.961 | 1.00 | 0.00 | C |
| ATOM | 966 | CE2 | TRP | 103 | 39.464 | 63.224 | 16.106 | 1.00 | 0.00 | C |
| ATOM | 967 | CE3 | TRP | 103 | 38.943 | 62.250 | 13.966 | 1.00 | 0.00 | C |
| ATOM | 969 | CZ3 | TRP | 103 | 37.647 | 62.684 | 14.145 | 1.00 | 0.00 | C |
| ATOM | 970 | CH2 | TRP | 103 | 37.273 | 63.379 | 15.276 | 1.00 | 0.00 | C |
| ATOM | 1511 | CG1 | ILE | 157 | 40.601 | 62.216 | 9.603 | 1.00 | 0.00 | C |
| ATOM | 1513 | CD1 | ILE | 157 | 40.132 | 61.087 | 8.682 | 1.00 | 0.00 | C |
| ATOM | 7462 | CG | GLU | 785 | 32.864 | 52.846 | 17.084 | 1.00 | 0.00 | C |
| ATOM | 7463 | CD | GLU | 785 | 32.546 | 53.684 | 15.861 | 1.00 | 0.00 | C |
| ATOM | 7464 | OE1 | GLU | 785 | 31.649 | 54.561 | 15.981 | 1.00 | 0.00 | O |
| ATOM | 7465 | OE2 | GLU | 785 | 33.177 | 53.459 | 14.794 | 1.00 | 0.00 | O |
| ATOM | 7503 | CG | LEU | 789 | 34.718 | 55.544 | 19.754 | 1.00 | 0.00 | C |
| ATOM | 7504 | CD1 | LEU | 789 | 34.776 | 54.028 | 19.538 | 1.00 | 0.00 | C |
| ATOM | 7505 | CD2 | LEU | 789 | 34.109 | 56.288 | 18.559 | 1.00 | 0.00 | C |
| ATOM | 8092 | CA | PHE | 848 | 40.034 | 54.565 | 17.786 | 1.00 | 0.00 | C |
| ATOM | 8093 | CB | PHE | 848 | 40.010 | 56.108 | 17.773 | 1.00 | 0.00 | C |
| ATOM | 8094 | CG | PHE | 848 | 39.611 | 56.579 | 19.131 | 1.00 | 0.00 | C |
| ATOM | 8095 | CD1 | PHE | 848 | 38.285 | 56.620 | 19.496 | 1.00 | 0.00 | C |
| ATOM | 8097 | CE1 | PHE | 848 | 37.914 | 57.048 | 20.749 | 1.00 | 0.00 | C |
| ATOM | 8100 | C | PHE | 848 | 40.144 | 54.093 | 16.385 | 1.00 | 0.00 | C |
| ATOM | 8101 | O | PHE | 848 | 39.140 | 53.790 | 15.742 | 1.00 | 0.00 | O |
| ATOM | 8120 | OG1 | THR | 851 | 37.208 | 52.272 | 17.094 | 1.00 | 0.00 | O |
| ATOM | 8121 | HG1 | THR | 851 | 36.849 | 52.634 | 16.292 | 1.00 | 0.00 | H |
| ATOM | 8125 | N | PHE | 852 | 37.143 | 51.930 | 14.382 | 1.00 | 0.00 | N |
| ATOM | 8126 | HN | PHE | 852 | 37.851 | 52.459 | 14.891 | 1.00 | 0.00 | H |
| ATOM | 8127 | CA | PHE | 852 | 36.470 | 52.549 | 13.268 | 1.00 | 0.00 | C |
| ATOM | 8128 | CB | PHE | 852 | 37.019 | 53.965 | 12.999 | 1.00 | 0.00 | C |
| ATOM | 8129 | CG | PHE | 852 | 36.596 | 54.471 | 11.660 | 1.00 | 0.00 | C |
| ATOM | 8130 | CD1 | PHE | 852 | 35.275 | 54.719 | 11.366 | 1.00 | 0.00 | C |
| ATOM | 8131 | CD2 | PHE | 852 | 37.540 | 54.670 | 10.677 | 1.00 | 0.00 | C |
| ATOM | 8132 | CE1 | PHE | 852 | 34.911 | 55.185 | 10.123 | 1.00 | 0.00 | C |
| ATOM | 8133 | CE2 | PHE | 852 | 37.183 | 55.137 | 9.434 | 1.00 | 0.00 | C |
| ATOM | 8134 | CZ | PHE | 852 | 35.864 | 55.399 | 9.154 | 1.00 | 0.00 | C |
| TER | 11273 | | ALA | 1185 | | | | | | |
| HETATM | 11274 | O | LIG | 1 | 33.652 | 59.316 | 14.264 | 1.00 | 0.00 | O |
| HETATM | 11275 | N | LIG | 1 | 35.888 | 58.838 | 13.706 | 1.00 | 0.00 | N |
| HETATM | 11276 | N | LIG | 1 | 34.654 | 60.574 | 12.670 | 1.00 | 0.00 | N |
| HETATM | 11277 | C | LIG | 1 | 36.008 | 57.732 | 14.618 | 1.00 | 0.00 | C |
| HETATM | 11278 | C | LIG | 1 | 36.976 | 58.983 | 12.779 | 1.00 | 0.00 | C |
| HETATM | 11279 | C | LIG | 1 | 37.111 | 57.579 | 15.481 | 1.00 | 0.00 | C |
| HETATM | 11280 | C | LIG | 1 | 38.313 | 59.135 | 13.189 | 1.00 | 0.00 | C |
| HETATM | 11281 | C | LIG | 1 | 38.187 | 58.566 | 15.604 | 1.00 | 0.00 | C |
| HETATM | 11282 | C | LIG | 1 | 38.719 | 59.256 | 14.591 | 1.00 | 0.00 | C |
| HETATM | 11283 | C | LIG | 1 | 34.984 | 56.764 | 14.656 | 1.00 | 0.00 | C |
| HETATM | 11284 | C | LIG | 1 | 36.693 | 58.944 | 11.398 | 1.00 | 0.00 | C |
| HETATM | 11285 | C | LIG | 1 | 37.151 | 56.483 | 16.364 | 1.00 | 0.00 | C |
| HETATM | 11286 | C | LIG | 1 | 39.321 | 59.281 | 12.218 | 1.00 | 0.00 | C |
| HETATM | 11287 | C | LIG | 1 | 34.656 | 59.527 | 13.577 | 1.00 | 0.00 | C |
| HETATM | 11288 | C | LIG | 1 | 35.046 | 55.675 | 15.526 | 1.00 | 0.00 | C |
| HETATM | 11289 | C | LIG | 1 | 37.706 | 59.072 | 10.447 | 1.00 | 0.00 | C |
| HETATM | 11290 | C | LIG | 1 | 36.130 | 55.536 | 16.382 | 1.00 | 0.00 | C |
| HETATM | 11291 | C | LIG | 1 | 39.020 | 59.245 | 10.858 | 1.00 | 0.00 | C |
| HETATM | 11292 | H | LIG | 1 | 33.811 | 61.120 | 12.526 | 1.00 | 0.00 | H |
| HETATM | 11293 | H | LIG | 1 | 35.488 | 60.931 | 12.218 | 1.00 | 0.00 | H |
| CONNECT | 11277 | 11275 | 11279 | 11283 | | | | | | |
| CONNECT | 11278 | 11275 | 11280 | 11284 | | | | | | |
| CONNECT | 11279 | 11277 | 11281 | 11285 | | | | | | |
| CONNECT | 11280 | 11278 | 11282 | 11286 | | | | | | |
| CONNECT | 11281 | 11279 | 11282 | | | | | | | |
| CONNECT | 11282 | 11280 | 11281 | | | | | | | |
| CONNECT | 11283 | 11277 | 11288 | | | | | | | |
| CONNECT | 11284 | 11278 | 11289 | | | | | | | |
| CONNECT | 11285 | 11279 | 11290 | | | | | | | |
| CONNECT | 11286 | 11280 | 11291 | | | | | | | |
| CONNECT | 11287 | 11274 | 11275 | 11276 | | | | | | |
| CONNECT | 11288 | 11283 | 11290 | | | | | | | |
| CONNECT | 11289 | 11284 | 11291 | | | | | | | |

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