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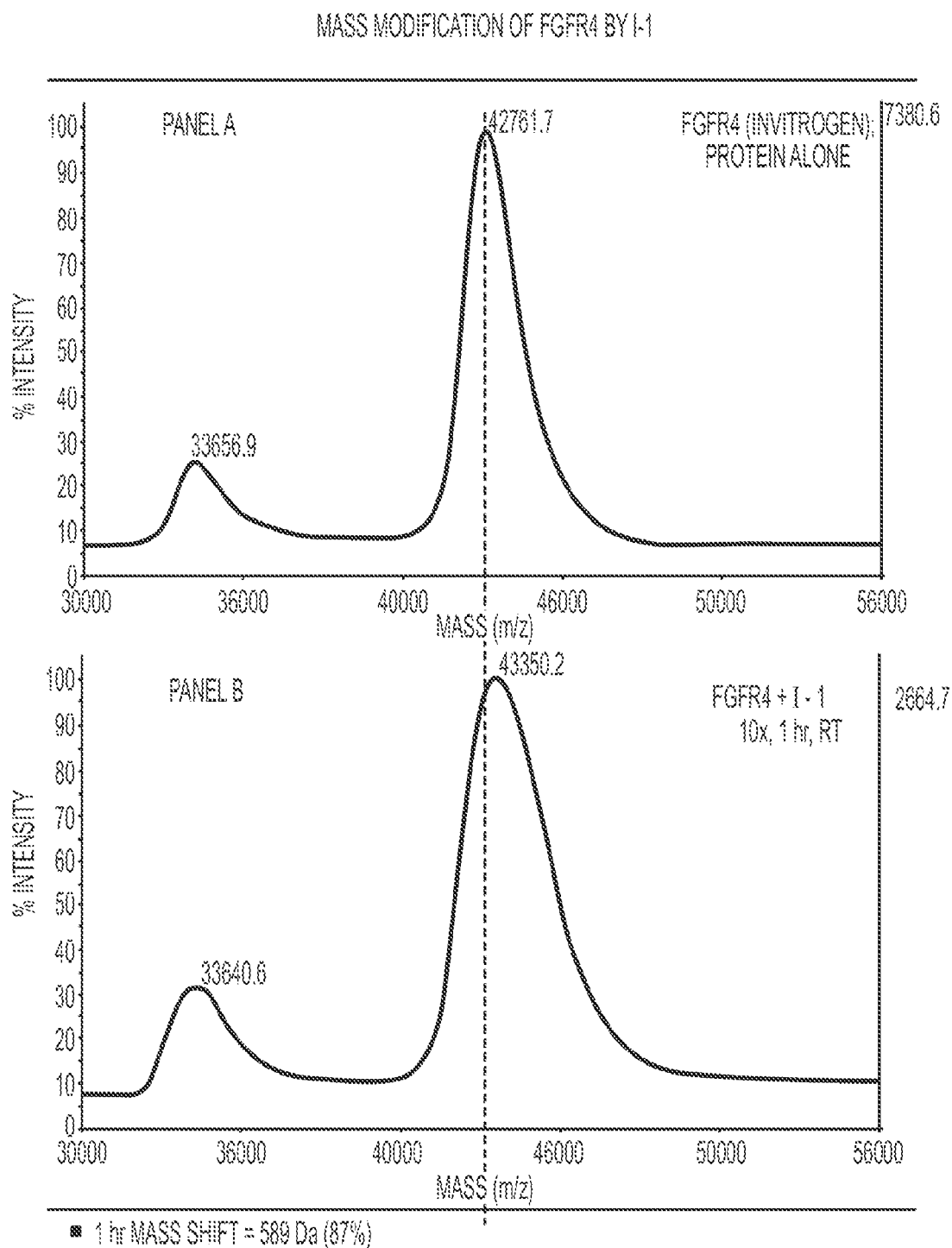


FIG. 1

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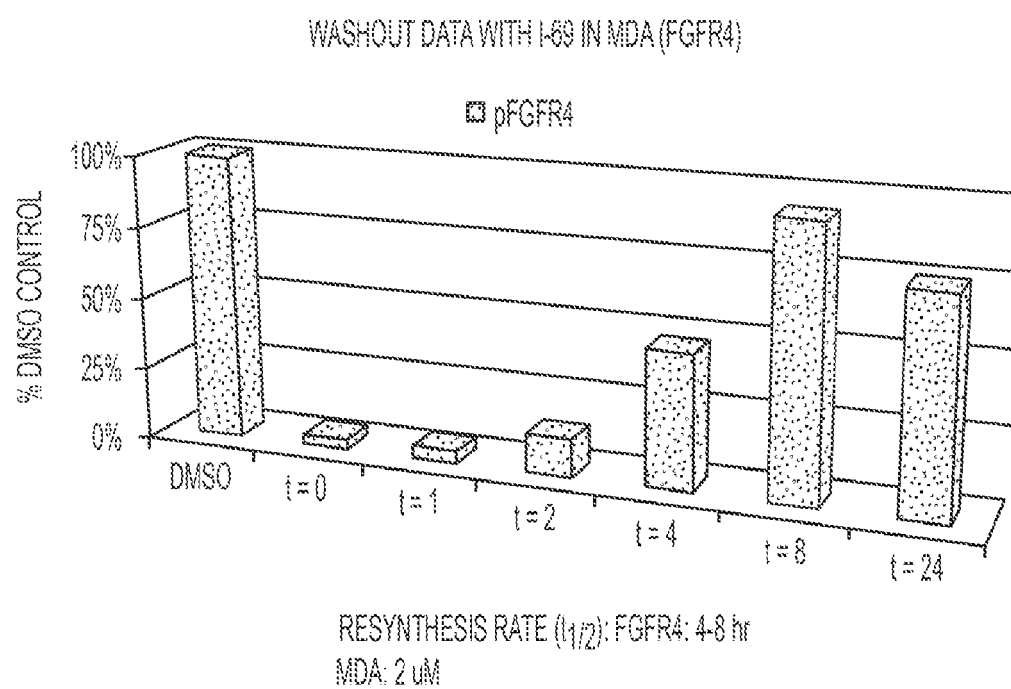


FIG. 2

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I-1 SHOWS PROLONGED DURATION OF ACTION (PDA) CONSISTENT WITH FGFR4 TURNOVER RATE WHEREAS REVERSIBLE ANALOG I-234 DOES NOT SHOW PDA

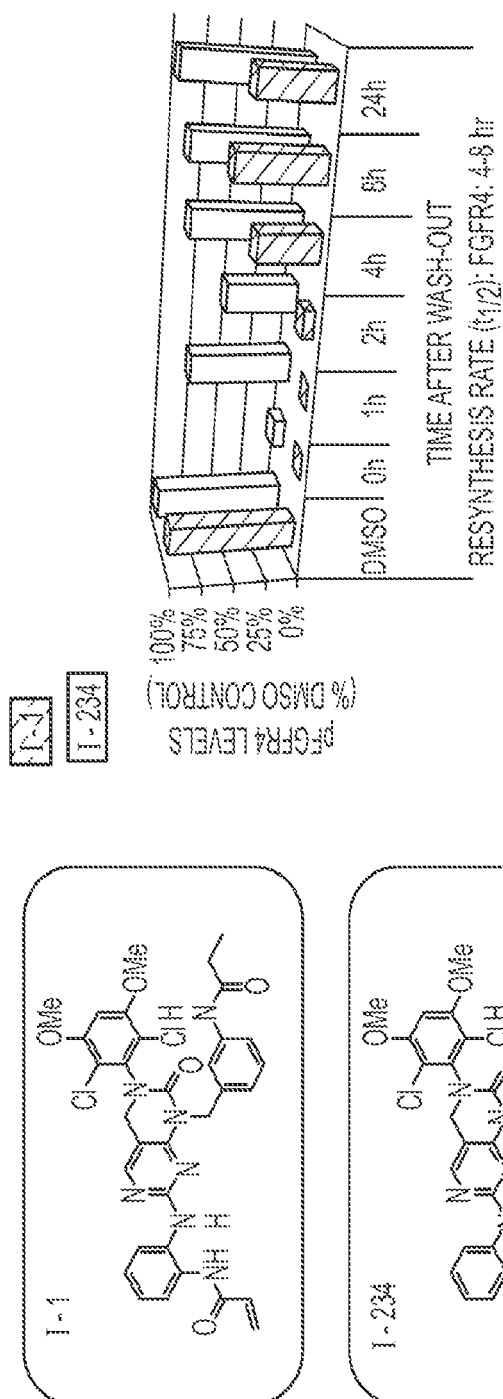


FIG. 3

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## THE AMINO ACID SEQUENCE OF FGFR4 (SEQ ID NO. 1)

|             |            |            |            |             |            |
|-------------|------------|------------|------------|-------------|------------|
| 10          | 20         | 30         | 40         | 50          | 60         |
| MRLLLALLGV  | LLSVPGPPVL | SLEAEEVEL  | EPCLAPSLEQ | QEQLTVALG   | QPVRLCCGRA |
| 70          | 80         | 90         | 100        | 110         | 120        |
| ERGCNHWYKEG | SRLAPAGRVR | GWRCRLIAS  | FLPEDAGRYL | CLARGSMIVL  | QNLTLITGDS |
| 130         | 140        | 150        | 160        | 170         | 180        |
| LTSSNDDED   | KSHRDPSNRH | SYPQQAPYWT | HPQRMKKLH  | AVPAGNTVKF  | RCPAAGNPTP |
| 190         | 200        | 210        | 220        | 230         | 240        |
| TIRWLKDGQA  | FHGENRIGGI | RLRHQHSLSV | MESVVPSDRG | TYTCLVENAV  | GSIRYNYLLD |
| 250         | 260        | 270        | 280        | 290         | 300        |
| VLERSPHRPI  | LQAGLPANTT | AVVGSDEVLL | CKVYSDAQPH | IQWLKHIVIN  | GSSFGADGFP |
| 310         | 320        | 330        | 340        | 350         | 360        |
| YVQVLKTADI  | NSSEVEVLYL | RNVSAEDAGE | YTCLAGNSIG | LSYQSANLTV  | LPEEDPTWTA |
| 370         | 380        | 390        | 400        | 410         | 420        |
| AAPEARYTDI  | ILYASCSLAL | AVLLLLAGLY | RCQALHGRHP | RPPATVQKLS  | RFFLARQFSL |
| 430         | 440        | 450        | 460        | 470         | 480        |
| ESGSSGKSSS  | SLVRGVRLSS | SGPALLAGLV | SLDLPLDPLW | EFPRDRLVLG  | KPLGEGCFGQ |
| 490         | 500        | 510        | 520        | 530         | 540        |
| VVRAEAFGMD  | PARPDQASTV | AVKMLKDNAS | DKDLADLVSE | MEVMKLIQRH  | KNIINLLGVC |
| 550         | 560        | 570        | 580        | 590         | 600        |
| TQEGPLYVTV  | ECIAKGNLRE | FLRARPPPGP | DLSPDGFRSS | EGPLSEFPVLV | SCAYQVARGM |
| 610         | 620        | 630        | 640        | 650         | 660        |
| QYLESRKCIH  | RDLAARNVLV | TEDNVMKIAD | FGLARGVHHI | DYYKKTSHGR  | LPVKWMAPEA |
| 670         | 680        | 690        | 700        | 710         | 720        |
| LFDRVYTHQS  | DVWSEGILLW | EIFTLGCSFY | PGIPVEELFS | LLREGHRMDR  | PPHCPPELYG |
| 730         | 740        | 750        | 760        | 770         | 780        |
| LMRECWHAAP  | SQRPTFKQLV | EALDKVLLAV | SEELYDLRLT | FGPYSPSGGD  | ASSTCSSSDS |
| 790         | 800        |            |            |             |            |
| VFSHDPLPLG  | SSSFPGSGV  | QT         |            |             |            |

FIG. 4