This analytical method is based on an automated 96-well format Extraction Method of drug from species matrix. MK-XXXX and stable isotope labeled internal standard (XXX) are chromatographed using chromatography and detected with tandem mass spectrometric detection employing a turbo ionspray (TIS) interface in the polarity ion mode. The Multiple Reaction Monitoring (MRM) transitions monitored were *m/z* XXX XXX for the drug and *m/z* XXX XXX for the internal standard. The lower limit of quantitation (LLOQ) for this method is X ng/mL with a regression model $1/x^2$ (weighting) calibration range from X to XXX ng/mL using a X L matrix sample. Standard solutions are prepared in diluent and stored at temperature°C when not in use. Anticoagulant is used as the anticoagulant and matrix study samples are stored at -temperature°C.