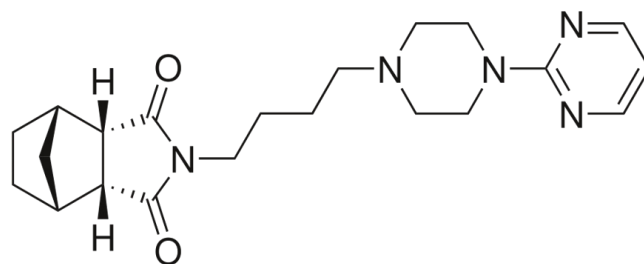




## Highly sensitive LC-MS/MS method for the quantification of tandospirone in human plasma, using the QTRAP® 6500+ LC-MS/MS System

A robust, rapid, selective and sensitive LC-MS method using ESI method has been developed for the quantification of tandospirone and tandospirone D8 internal standard in human plasma using a simple liquid-liquid extraction method, to support and generate accurate results for pharmacokinetic studies. The main objective of this work is to develop a wide calibration level (1.000 -5000 pg/mL in plasma and LOD 0.25 pg/mL in AQS solution) LC-MS/MS method using QTRAP® 6500 System.



Structure of Tandospirone

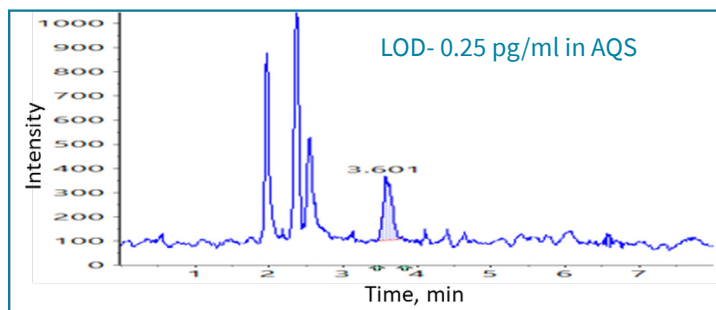


Figure 1. Chromatogram at 0.25 pg/mL in AQS solution.

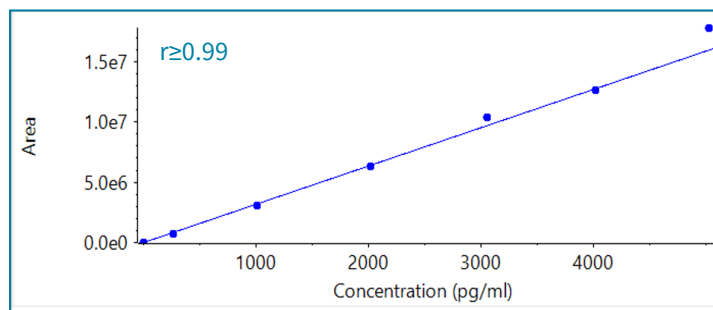


Figure 2. Linearity for tandospirone range 1.000 to 5000 pg/mL.

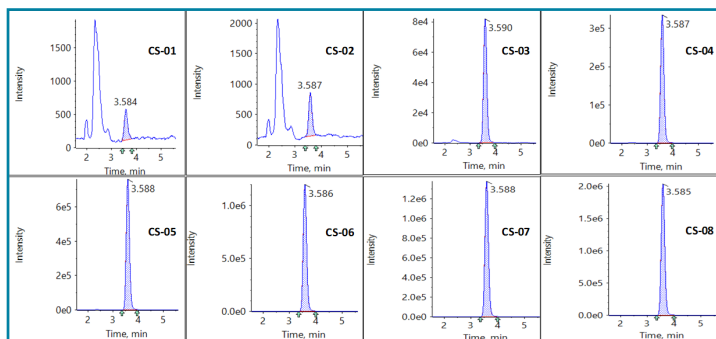


Figure 3. Chromatogram for tandospirone from 1.000 to 5000 pg/mL.

To learn more about this method please email: [Marketing.India@sciex.com](mailto:Marketing.India@sciex.com)

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RUO-MKT-07-11203-A