PRODUCT INFORMATION

Alprazolam-d₈
Item No. 18302

Formal Name: 8-chloro-1-(methyl-d₃)-6-(phenyl-d₅)-4H-benzo[f][1,2,4]triazolo[4,3-a][1,4]diazepine
MF: C₁₇H₁₅D₈ClN₄
FW: 316.8
Purity: ≥98%
Supplied as: A neat solid
Storage: -20°C
Stability: As supplied, 2 years from the QC date provided on the Certificate of Analysis, when stored properly

Description

Alprazolam-d₈ is intended for use as an internal standard for the quantification of alprazolam by GC-or LC-MS. The accuracy of the sample weight in this vial is between 5% over and 2% under the amount shown on the vial. If better precision is required, the deuterated standard should be quantitated against a more precisely weighed unlabeled standard by constructing a standard curve of peak intensity ratios (deuterated versus unlabeled).

Alprazolam is a Schedule IV benzodiazepine with anxiolytic and sedative actions and acts as an agonist at the GABAₐ receptor. This product is intended for forensic and research applications.

This product is a qualified Reference Material (RM) that has been manufactured and tested to meet ISO17025 and Guide 34 guidelines. These materials are tested using validated analytical methods on qualified instrumentation to ensure traceability of measurements. All traceable RMs may be distinguished by their CoAs and can be downloaded using the batch number located on the product label. For a representative CoA please contact our technical support.

References