PRODUCT INFORMATION

Meperidine-d$_5$ (hydrochloride)
Item No. 15823

CAS Registry No.: 1330180-05-6
Formal Name: ethyl 1-methyl-4-(phenyl-d$_5$)
piperidine-4-carboxylate, monohydrochloride
Synonym: Pethidine-d$_5$
MF: C$_{15}$H$_{16}$D$_5$NO$_2$ • HCl
FW: 288.8
Purity: ≥98%
Supplied as: A neat solid
Storage: -20°C
Stability: As supplied, 1 year from the QC date provided on the Certificate of Analysis, when stored properly

Description

Meperidine-d$_5$ (Item No. 15823) is intended for use as an internal standard for the quantification of meperidine (Item No. 19406) by GC- or LC-MS. Meperidine-d$_5$ is an analytical reference material that is structurally categorized as an opioid. Meperidine is an opioid analgesic that is commonly abused.$^{1,2}$ This product is intended for research and forensic 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