4-ANPP
Item No. 18810

CAS Registry No.: 21409-26-7
Formal Name: N-phenyl-1-(2-phenylethyl)-4-piperidinamine
Synonyms: 4-Aminophenyl-1-phenethylpiperidine, 4-Anilino-N-phenethylpiperidine, Despropionyl fentanyl
MF: C19H24N2
FW: 280.4
Purity: ≥98%
Supplied as: A neat solid
Storage: -20°C
Stability: ≥3 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Description

4-ANPP (Item No. 18810) is an analytical reference material categorized as a piperidinamine. It is an intermediate in the synthesis of fentanyl (Item Nos. 22659 | 14719 | ISO60197) from N-phenethyl-4-piperidone (NPP; Item No. 20528). As such, 4-ANPP may be used as a precursor for the manufacture of fentanyl and related opioids. 4-ANPP is also an impurity found in fentanyl preparations. It is a known metabolite of acetyl fentanyl (Item Nos. ISO00128 | ISO60128), butyryl fentanyl (Item Nos. 14728 | 19734), furanyl fentanyl (Item Nos. 18705 | 19633), acrylfentanyl (Item No. 19312), and fentanyl. 4-ANPP is regulated as a Schedule II compound in the United States. 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 ISO/IEC 17025 and ISO 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 below using the batch number located on the product label. For a representative CoA please contact our technical support.

References