

Product Information



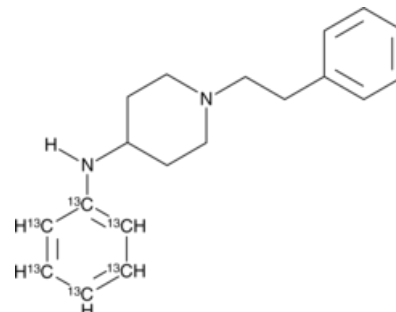
4-ANPP-¹³C₆ (CRM)

Cat No: 26313 - 100 µg

General Data

Shipping: dry ice

Formulation: A 100 µg/ml solution in methanol



Special advice: Reference Materials RMs and Certified Reference Materials CRMs are dispatched directly to the end-user in accordance with ISO requirements. Please check regulation status before ordering; additional fees can apply.

Product Overview

4-ANPP-¹³C₆ (CRM) (Item No. 26313) is a certified reference material intended for use as an internal standard for the quantification of 4-ANPP (Item Nos. 22700 18810) by GC- or LC-MS. 4-ANPP is categorized as a piperidinamine. It is an intermediate in the synthesis of fentanyl (Item Nos. ISO60197 14719 22659) from N-phenethyl-4-piperidone (NPP; Item No. 20528).{39266} As such, 4-ANPP has been 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. ISO60128 14728), butyryl fentanyl (Item Nos. 19734 18705), acrylfentanyl (Item Nos. 23060 19312), and fentanyl.{40111,32577,39265,39267} 4-ANPP-¹³C₆ is regulated as a Schedule II compound in the United States. This product is intended for research and forensic applications.

FP/12/24

For research laboratory use only – Not for human diagnostic use.

Buyers agree to purchase the material subject to Purchasing Terms that can be found on our website. Seek appropriate training to safely handle this product under normal conditions. Use the recommended personal protective equipment to prevent chemical exposures.

Bertin Bioreagent does not make any other warranty or representation whatsoever whether expressed or implied, with respect to these products. In no event will Bertin Bioreagent be liable for incidental, consequential or punitive damages.

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