# **PRODUCT INFORMATION**



# **Bipiperidinyl 4-ANPP**

Item No. 33800

CAS Registry No.: 2515737-24-1

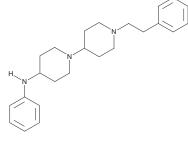
Formal Name: N-phenyl-1'-(2-phenylethyl)-[1,4'-

bipiperidin]-4-amine

MF:  $C_{24}H_{33}N_3$ FW: 363.5 **Purity:** ≥98%  $\lambda_{max}$ : 249 nm A crystalline solid UV/Vis.: Supplied as:

-20°C Storage: Stability: ≥5 years

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



# Description

Bipiperidinyl 4-ANPP (Item No. 33800) is an analytical reference standard that is structurally similar to known opioids. Bipiperidinyl 4-ANPP is a byproduct in the synthesis of fentanyl. This product is intended for research and forensic applications.

### Reference

1. Casale, J.F., Hays, P.A., Toske, S.G., et al. Unique bipiperidinyl impurities produced from the "One-Pot" synthesis of fentanyl. Forensic Chem. 17, 100203 (2019).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

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