

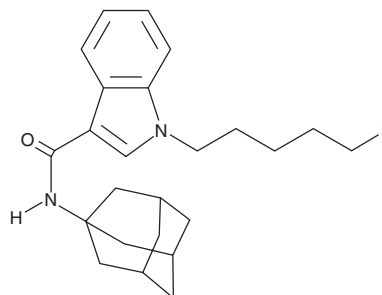
# PRODUCT INFORMATION



## STS-135

Item No. ISO00058

**CAS Registry No.:** 1354631-26-7  
**Formal Name:** 1-(5-fluoropentyl)-N-tricyclo[3.3.1.1<sup>3,7</sup>]dec-1-yl-1H-indole-3-carboxamide  
**Synonyms:** 5-fluoro APICA, N-adamantyl-1-fluoropentylindole-3-Carboxamide  
**MF:** C<sub>24</sub>H<sub>31</sub>FN<sub>2</sub>O  
**FW:** 382.5  
**Purity:** ≥98%  
**Supplied as:** A neat solid  
**Storage:** -20°C  
**Stability:** ≥1 year



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

### Description

STS-135 is a designer drug purported to be found in herbal blends. This compound features the fluoropentylindole structure of AM2201 (Item No. 10707), a synthetic cannabinoid (CB), as well as an adamantyl carboxamide group, which may increase affinity for the peripheral CB<sub>2</sub> receptor.<sup>1,2</sup> The physiological and toxicological properties of STS-135 are not known. This product is intended for research and forensic applications.

This product is qualified as a Reference Material that has been manufactured and tested to ISO/IEC 17025 and ISO 17034 international standards.

### References

1. Makriyannis, A. and Deng, H. Cannabimimetic indole derivatives. WO 01/28557 A1 (2001), 1-25, PCT/US00/28832.
2. Pasquini, S., De Rosa, M., Pedani, V., *et al.* Investigations on the 4-quinolone-3-carboxylic acid motif. 4. Identification of new potent and selective ligands for the cannabinoid type 2 receptor with diverse substitution patterns and antihyperalgesic effects in mice. *J. Med. Chem.* **54**, 5444-5453 (2011).

#### WARNING

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

#### SAFETY DATA

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.

#### WARRANTY AND LIMITATION OF REMEDY

Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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