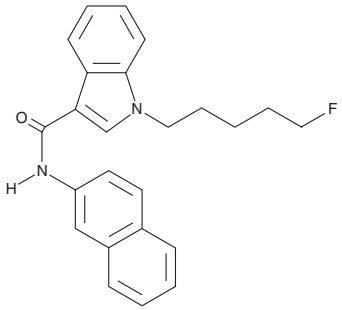
PRODUCT INFORMATION

5-fluoro NNEI 2'-naphthyl isomer

Item No. 14318

CAS Registry No.:	1797883-78-3
Formal Name:	1-(5-fluoropentyl)-N-(naphthalen-2-yl)-1H-indole-3-carboxamide
Synonym:	β-naphthyl 5-fluoro NNEI analog
MF:	$C_{24}H_{23}FN_2O$
FW:	374.5
Purity:	≥98%
UV/Vis.:	λ_{max}: 221, 259, 309 nm
Supplied as:	A crystalline solid
Storage:	-20°C
Stability:	≥5 years



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

Description

JWH 018 (Item No. 10900) is a potent synthetic cannabinoid (CB) which has been identified in smoking mixtures.[1,2] NNEI (Item No. 15001) is an analog of JWH 018 which differs by having an amide linker inserted between the naphthalene and ketone groups. 5-fluoro NNEI 2'-naphthyl isomer is a derivative of NNEI with a fluorine atom at the terminal carbon of the pentyl chain and the naphthyl group joined at the 2 rather than 1 position. This modification of other synthetic CBs typically increases the compound's affinity for both CB receptors significantly.[3] The physiological and toxicological properties of this compound are not known. This product is intended for forensic and research applications.

References

1. Sobolevsky, T., Prasolov, I., and Rodchenkov, G. Detection of JWH-018 metabolites in smoking mixture post-administration urine. *Forensic Sci. Int.* **200(1-3)**, 141-147 (2010).
2. Moran, C.L., Le, V.H., Chimalakonda, K.C., *et al.* Quantitative measurement of JWH-018 and JWH-073 metabolites excreted in human urine. *Anal. Chem.* **83(11)**, 4228-4236 (2011).
3. Makriyannis, A. and Deng, H. Cannabimimetic indole derivatives. *University of Connecticut* **WO01/28557A1** (2001).

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
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