

Product Data Sheet

Product Name: 5-fluoro ADBICA

Cat. No.: GC42511

Chemical Properties

Cas. No. 1863065-82-0

Chemical Name N-[1-(aminocarbonyl)-2,2-dimethylpropyl]-1-(5-fluoropentyl)-1H-indole-3-carboxamide

SMILES O=C(NC(C(N)=O)C(C)(C)C)C1=CN(CCCCCF)C2=C1C=CC=C2

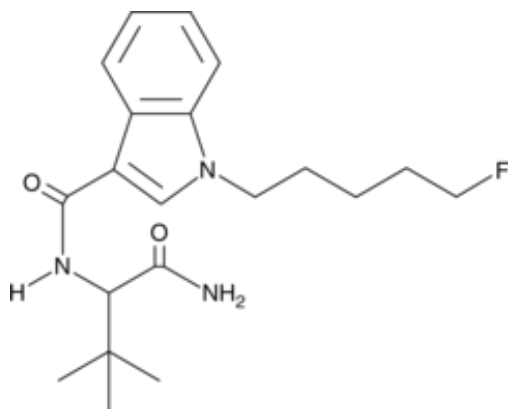
Formula C₂₀H₂₈FN₃O₂ M.Wt 361.5

Solubility DMF: 12 mg/ml, DMSO: 12 mg/ml, DMSO: PBS (pH 7.2) (1:8): 0.11 mg/ml, Ethanol: 10 mg/ml
Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

ADBICA is a synthetic cannabinoid that has recently been identified in herbal blends. [1] 5-fluoro ADBICA is a derivative of ADBICA featuring a fluorine atom added to the terminal carbon of the pentyl group. The physiological and toxicological properties of this compound have not been determined. This product is intended for forensic and research applications.

Caution: Product has not been fully validated for medical applications. For research use only.

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Reference:

[1]. Uchiyama, N., Matsuda, S., Kawamura, M., et al. Two new-type cannabimimetic quinolinyl carboxylates, QUPIC and QUCHIC, two new cannabimimetic carboxamide derivatives, ADB-FUBINACA and ADBICA, and five synthetic cannabinoids detected with a thiophene derivative α -PVT and an opioid receptor agonist AH-7921 identified in illegal products. *Forensic Toxicol.* 31(2), 223-240 (2013).

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