

Product Data Sheet

Product Name: AMB
Cat. No.: GC42779

Chemical Properties

Cas. No. 1890250-13-1

Chemical Name N-[(1-pentyl-1H-indazol-3-yl)carbonyl]-L-valine, methyl ester

SMILES O=C(N[C@H](C(OC)=O)C(C)C)C1=NN(CCCCC)C2=C1C=CC=C2

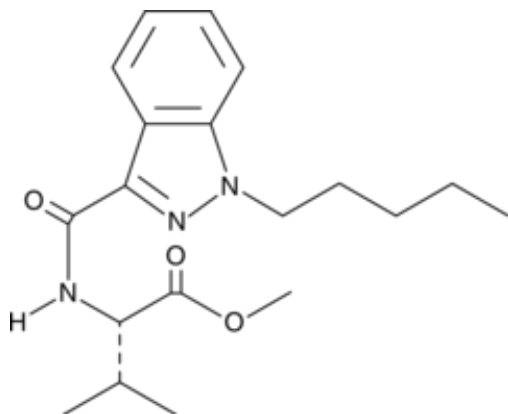
Formula C₁₉H₂₇N₃O₃ M.Wt 345.4

Solubility DMF: 33 mg/ml, DMSO: 20 mg/ml, Ethanol: 33 mg/ml, Ethanol: PBS (pH 7.2) (1:3): 0.25 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

AB-PINACA is a synthetic cannabinoid recently identified in illegal herbal products. [1] AMB is an analog of AB-PINACA characterized by the replacement of a primary amine with a methoxy group. The physiological and toxicological properties of this compound have not been determined. This

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product is intended for research and forensic applications.

Reference:

[1]. Uchiyama, N., Matsuda, S., Wakana, D., et al. New cannabimimetic indazole derivatives, N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-pentyl-1H-indazole-3-carboxamide (AB-PINACA) and N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-(4-fluorobenzyl)-1H-indazole-3-carboxamide (AB-FUBINACA) identified as designer drugs in illegal products. *Forensic Toxicol.* 31(1), 93-100 (2013).

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