

Product Data Sheet

Product Name: MA-CHMINACA

Cat. No.: GC44113

Chemical Properties

Cas. No. 1971007-96-1

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

SMILES O=C(N[C@@H](C(C)C)C(OC)=O)C1=NN(CC2CCCCC2)C3=C1C=CC=C3

Formula C₂₁H₂₉N₃O₃

M.Wt 371.5

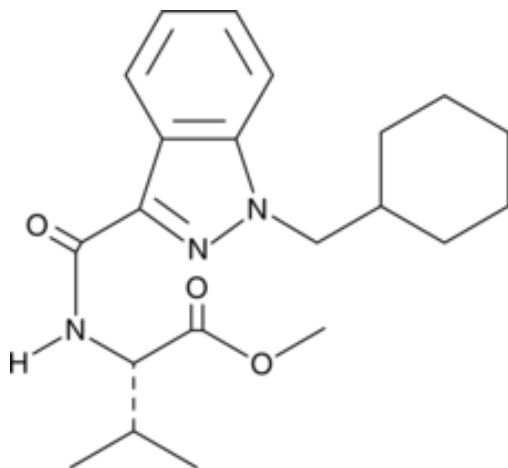
Solubility A solution in acetonitrile

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-CHMINACA is an indazole-based synthetic cannabinoid (CB) that is structurally related to AB-FUBINACA, a high affinity ligand of the CB1 receptor ($K_i = 0.9$ nM). [1] [2] AB-CHMINACA metabolite M2 is a potential derivative resulting from the replacement of a terminal amide NH₂ with a hydroxyl group. MA-CHMINACA is an analog of AB-CHMINACA metabolite M2 in which the hydroxyl moiety is replaced with a methyl ester group. The physiological and toxicological properties of this compound

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

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are not known. This product is intended for forensic and research 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).
- [2.] Buchler, I.P., Hayes, M.J., Hedge, S.G., et al. Indazole derivatives. 1-283 (2009).

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