Product Data Sheet

Product Name: MDMB-CHMINACA
Cat. No.: GC18574

Chemical Properties

Cas. No.	1185888-32-7		
Chemical Name	N-[[1-(cyclohexylmethyl)-1H-indazol-3-yl]carbonyl]-3-methyl-L-valine, methyl ester		
SMILES	O=C(N[C@H](C(OC)=O)C(C)(C)C)C1=NN(CC2CCCCC2)C3=C1C=CC=C3		
Formula	$C_{22}H_{31}N_3O_3$	M.Wt	385.5
Solubility	20mg/mL in ethanol or DMF, 5mg/mL in DMSO	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.		

Caution: Product has not been fully validated for medical applications. For research use only.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA

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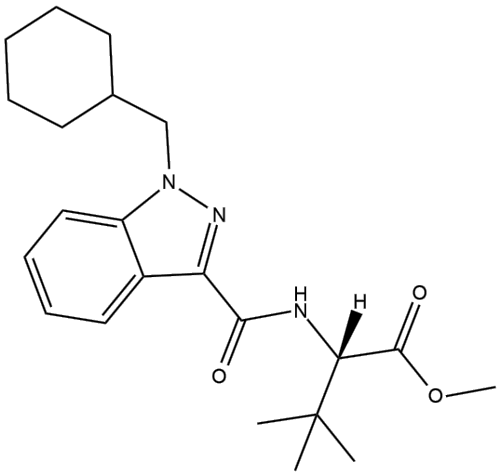
Structure



Background

AB-CHMINACA is an indazole-based synthetic cannabinoid (CB) that is structurally related to AB-FUBINACA , a high affinity ligand of the central CB1 receptor (Ki = 0.9 nM), by having a cyclohexyl group substituted for the 4-fluorophenyl group.[1][2] MDMB-CHMINACA is structurally related to AB-CHMINACA by bearing a similar cyclohexyl group; however, the terminal aminocarbonyl moiety is replaced by a methyl ester group and the isobutyl moiety is substituted with a tert-butyl group.[2] The physiological and toxicological properties of this compound have not been determined. This 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-3methyl-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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