

Product Data Sheet

Product Name: AB-FUBINACA 2-fluorobenzyl isomer

Cat. No.: GC18880

Chemical Properties

Cas. No. 1185282-16-9

Chemical Name N-[(1S)-1-(aminocarbonyl)-2-methylpropyl]-1-[(2-fluorophenyl)methyl]-1H-indazole-3-carboxamide

SMILES O=C(N[C@H](C(N)=O)C(C)C)C1=NN(CC2=C(F)C=CC=C2)C3=C1C=CC=C3

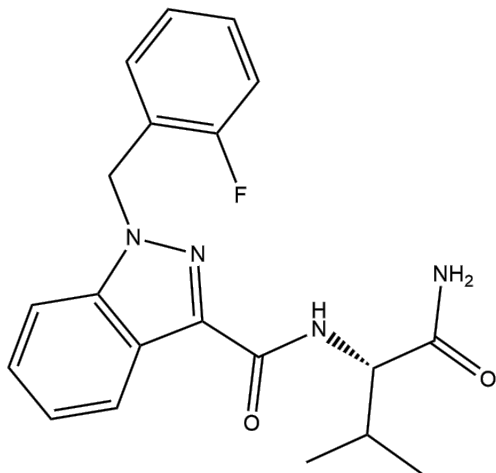
Formula $C_{20}H_{21}FN_4O_2$ M.Wt 368.4

Solubility DMF: 5 mg/ml, DMSO: 10 mg/ml, DMSO:PBS (pH 7.2) (1:1): 0.5 mg/ml, Ethanol: 2 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-FUBINACA is an indazole-based synthetic cannabinoid (CB) with 10-fold greater affinity for the central CB1 receptor ($K_i = 0.9$ nM) than that of JWH 018. AB-FUBINACA was first synthesized by Pfizer, Inc. as a potent CB1 receptor modulator for potential therapeutic use, but recently was

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

Product Data Sheet

identified along with AB-PINACA in illegal herbal products. AB-FUBINACA 2-fluorobenzyl isomer differs structurally from AB-FUBINACA by having a fluorine at the 2 position of a benzyl ring rather than a fluorine at the 4 position of a phenyl ring. This compound binds CB1 with a K_i value of 4.69. This product is intended for research and forensic applications

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