

Product Data Sheet

Product Name: MDA 19
Cat. No.: GC17539

Chemical Properties

Cas. No. 1048973-47-2

Chemical Name N-[(Z)-(1-hexyl-2-oxoindol-3-ylidene)amino]benzamide

SMILES CCCCCN1C2=CC=CC=C2C(=NNC(=O)C3=CC=CC=C3)C1=O

Formula $C_{21}H_{23}N_3O_2$ M.Wt 349.43

Solubility DMF: 20 mg/ml, DMSO: 10 mg/ml, Ethanol: 3 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 sizes: 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

Product Data Sheet

Structure



Background

MDA 19 is a selective human peripheral cannabinoid CB2 receptor agonist. MDA 19 displays 4-fold higher affinity for the human CB2 receptor than the human CB1 receptor (K_i values are 43.3 and 162.4 nM respectively); MDA 19 shows 70-fold affinity for the rat CB2 receptor over the rat CB1 receptor (K_i values are 16.3 and 1130 nM respectively). MDA 19 attenuates tactile allodynia in a rat model. MDA 19 does not affect rat locomotor activity.

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