

Product Data Sheet

Product Name: VU0453379

Cat. No.: GC37929

Chemical Properties

Cas. No. 1638646-27-1

SMILES O=C(NC[C@H]1N(CCC1)C(C)C)C(C2=C3N(C4=C2C=CC=C4)C)=CN(C3=O)C5CCCC5

Formula $C_{26}H_{34}N_4O_2$ M.Wt 434.57

Solubility DMSO : 100 mg/mL (230.11 mM; Storage Store at -20°C
Need ultrasonic)

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.

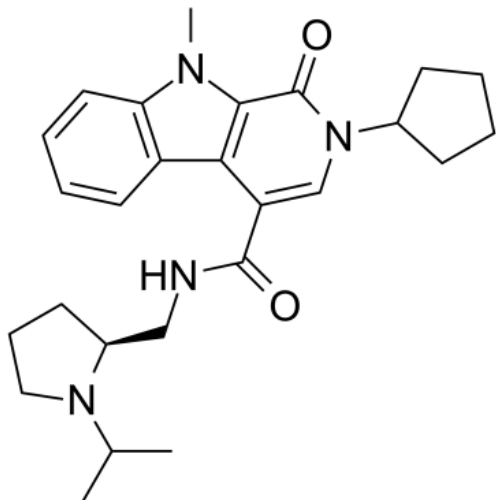
Caution: Product has not been fully validated for medical applications. For research use only.

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

VU0453379 is a highly selective and central nervous system (CNS) penetrant positive allosteric modulator (PAM) of glucagon-like peptide-1R (GLP-1R) with an EC₅₀ of 1.3 μ M[1]. EC₅₀: 1.3 μ M (GLP-1R)[1]

[1]. Morris LC, et al. Discovery of (S)-2-cyclopentyl-N-((1-isopropylpyrrolidin-2-yl)-9-methyl-1-oxo-2,9-dihydro-1H-pyrido[3,4-b]indole-4-carboxamide (VU0453379): a novel, CNS penetrant glucagon-like peptide 1 receptor (GLP-1R) positive allosteric modulator (PAM). J Med Chem. 2014 Dec 11;57(23):10192-7.

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