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## Product Data Sheet

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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)C5CCCC5Formula  $C_{26}H_{34}N_4O_2$ 

M.Wt 434.57

Solubility DMSO : 100 mg/mL (230.11 mM; Need ultrasonic)

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

VU0453379 is a highly selective and central nervous system (CNS) penetrant positive allosteric modulator (PAM) of glucagon-like peptide-1R (GLP-1R) with an EC<sub>50</sub> of 1.3 μM[1]. EC<sub>50</sub>: 1.3 μM (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.

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

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