

Product Data Sheet

Product Name: CHU-128

Cat. No.: GC79205

Chemical Properties

Cas. No. 2212020-93-2

Formula $C_{47}H_{47}F_2N_{11}O_5$

M.Wt 883.94

Solubility

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

CHU-128 is an effective and selective GLP-1R agonist. CHU-128 exhibits strong signal specificity and can activate the Gs/cAMP pathway, but it cannot activate the Gq/calcium signal, ERK phosphorylation, or recruit β -inhibitory proteins. CHU-128 can be used for research on type 2 diabetes [1] [2].

References:

[1]. Malik F, Li Z. Non-peptide agonists and positive allosteric modulators of glucagon-like peptide-1 receptors: Alternative approaches for treatment of Type 2 diabetes. Br J Pharmacol. 2022

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

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Feb;179(4):511-525.

[2]. Zhang X, et al. Differential GLP-1R Binding and Activation by Peptide and Non-peptide Agonists.
Mol Cell. 2020 Nov 5;80(3):485-500.e7.

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