

Product Data Sheet

Product Name: GIPR antagonist 1

Cat. No.: GC79203

Chemical Properties

Cas. No. 3059497-30-9

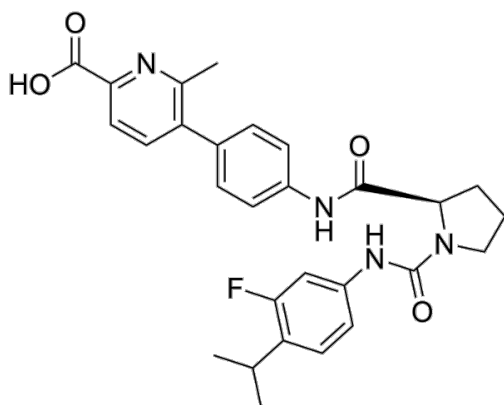
Formula $C_{28}H_{29}FN_4O_4$ M.Wt 504.55

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

GIPR antagonist 1 is a GIPR antagonist with an IC_{50} of 4.8 nM. GIPR antagonist 1 inhibits glucose-dependent insulintropic polypeptide receptor signaling. GIPR antagonist 1 can be used for the research of type 2 diabetes and obesity [1].

In Vitro, GIPR antagonist 1 (Compound 27) (10-100 nM, 6 h) antagonizes human GIPR and inhibits downstream cAMP production in a concentration-dependent manner in CHO-K1 cells stably expressing human GIPR [1].

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

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References:

[1]. Kevin James Filipski, et al. Glucose-dependent insulintropic polypeptide receptor antagonists and uses thereof. WO2024214038A1. 2025-10-14

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