
Product Data Sheet

Product Name: $\alpha 5\beta 1$ integrin agonist-1

Cat. No.: GC68390

Chemical Properties

Cas. No. 2756557-83-0

Formula $C_{24}H_{26}FN_5O_9$

M.Wt 547.49

Solubility DMSO : 100 mg/mL (182.65 mM; Need ultrasonic) Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

$\alpha 5\beta 1$ integrin agonist-1, acting as **$\alpha 5\beta 1$ integrin** agonist, is able to selectively deliver 5-FU into tumor cells, successfully leading to cancer cell death.

[1]. Baiula M, et al. Selective Integrin Ligands Promote Cell Internalization of the Antineoplastic Agent Fluorouracil. ACS Pharmacol Transl Sci. 2021 Sep 2;4(5):1528-1542.

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

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