

Product Data Sheet

Product Name: $\alpha 4\beta 7$ Integrin-IN-2

Cat. No.: GC79133

Chemical Properties

Cas. No. 2640360-68-3

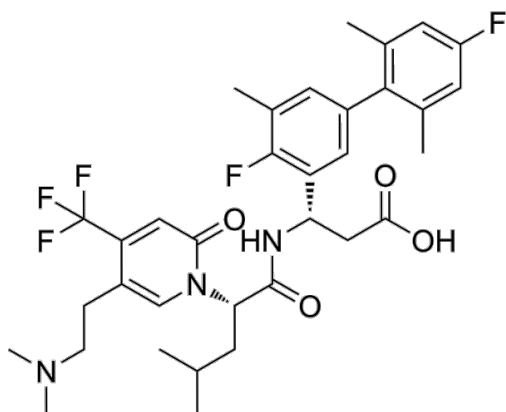
Formula $C_{34}H_{40}F_5N_3O_4$ M.Wt 649.69

Solubility DMSO: 50 mg/mL (76.96 mM; Need ultrasonic) Storage Store at 4°C, away from moisture and light

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

$\alpha 4\beta 7$ Integrin-IN-2 is an inhibitor of human $\alpha 4\beta 7$ integrin with an $IC_{50} < 5$ nM. $\alpha 4\beta 7$ Integrin-IN-2 modulates $\alpha 4\beta 7$ integrin-mediated biological pathways. $\alpha 4\beta 7$ Integrin-IN-2 can be used for the

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

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research of inflammatory diseases [1].

In Vitro, $\alpha 4\beta 7$ Integrin-IN-2 (Compound AK-P2) shows an $IC_{50} < 5$ nM for $\alpha 4\beta 7$ integrin [1].

References:

[1]. Matthew G. Bursavich, et al. INHIBITING HUMAN INTEGRIN $\alpha 4\beta 7$. WO2021076890A1. 2022-04-16

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