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**Product Data Sheet**

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Product Name:  $\alpha\beta 1$  integrin-IN-1

Cat. No.: GC62380

**Chemical Properties**

Cas. No. 1689540-62-2

Formula  $C_{26}H_{34}N_6O_6S$  M.Wt 558.65Solubility DMSO : 50 mg/mL 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**

$\alpha\beta 1$  integrin-IN-1 (Compound C8) is a potent and selective  $\alpha\beta 1$  integrin inhibitor with an  $IC_{50}$  of 0.63 nM. Antifibrotic effects[1].

$\alpha\beta 1$  integrin-IN-1 (Compound C8) significantly reduces the fibrotic markers in mouse model for liver and lung fibrosis[1].

[1]. Reed NI, et al. Exploring N-Arylsulfonyl-L-proline Scaffold as a Platform for Potent and Selective  $\alpha\beta 1$  Integrin Inhibitors. ACS Med Chem Lett. 2016 Aug 30;7(10):902-907.

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

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