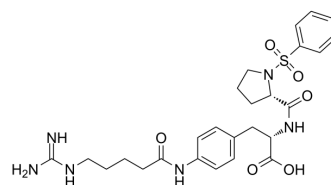


α v β 1 integrin-IN-1

Cat. No.:	HY-100445
CAS No.:	1689540-62-2
Molecular Formula:	C ₂₆ H ₃₄ N ₆ O ₆ S
Molecular Weight:	558.65
Target:	Integrin
Pathway:	Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	α v β 1 integrin-IN-1 (Compound C8) is a potent and selective α v β 1 integrin inhibitor with an IC ₅₀ of 0.63 nM. Antifibrotic effects ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.63 nM (α v β 1 integrin) ^[1]
In Vitro	α v β 1 integrin-IN-1 (Compound C8) significantly reduces the fibrotic markers in mouse model for liver and lung fibrosis ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Acta Biomater. 2021 Mar 9;S1742-7061(21)00152-5.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Reed NI, et al. Exploring N-Arylsulfonyl-L-proline Scaffold as a Platform for Potent and Selective α v β 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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