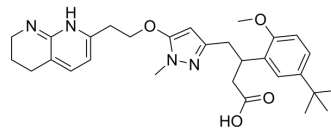


α v β 1 integrin-IN-2

| | |
|--------------------|---|
| Cat. No.: | HY-156521 |
| CAS No.: | 2234874-68-9 |
| Molecular Formula: | C ₂₉ H ₃₈ N ₄ O ₄ |
| Molecular Weight: | 506.64 |
| 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-2 (compound 32) is a potent inhibitor of integrins α v β 1 and α 5 β 1 with IC₅₀s of 0.9 nM and 33 nM respectively. α v β 1 integrin-IN-2 also inhibits other integrins with IC₅₀s of 380 nM (α v β 3) 280 nM (α v β 5) 230 nM (α v β 6) 87 nM (α v β 8) respectively in SPRA assay^[1].

REFERENCES

[1]. Ruminski PG, et al. Preparation of ((tetrahydronaphthyridinylethoxy)pyrazolyl) butanoic acid as integrin antagonists for the treatment and prevention of diseases. World Intellectual Property Organization, WO2018132268 A1. 2018-07-19.

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

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