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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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GSK 3008348 hydrochloride

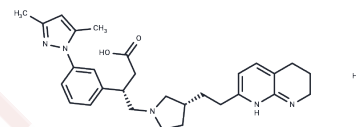
Chemical Properties

CAS No. : 1629249-40-6

Formula: C₂₉H₃₇N₅O₂ xHCl

Molecular Weight:

Appearance: no data available

Storage: store at low temperature, keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	GSK 3008348 hydrochloride is an $\alpha\text{v}\beta 6$ integrin inhibitor used to confirm idiopathic pulmonary fibrosis.
Targets(IC ₅₀)	Integrin
In vitro	METHODS: GSK 3008348 hydrochloride was subjected to fluorescence polarization assay. RESULTS: The affinity of GSK 3008348 hydrochloride for human-6 protein was 8.1 (pIC ₅₀), while its affinity in the cell adhesion assay was: 6 (pIC ₅₀) for $\alpha\text{v}\beta 3$; 6.9 (pIC ₅₀) for $\alpha\text{v}\beta 5$; 8.4 (pIC ₅₀) for $\alpha\text{v}\beta 6$; and 7.7 (pIC ₅₀) for $\alpha\text{v}\beta 8$. [1]

Solubility Information

Solubility	DMSO: 11.66 mg/mL, Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Reference

Anderson Niall Andrew, et al. Preparation of naphthyridine derivatives useful as $\alpha\text{v}\beta 6$ integrin antagonists. From PCT Int. Appl. (2014), WO 2014154725 A1 20141002.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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