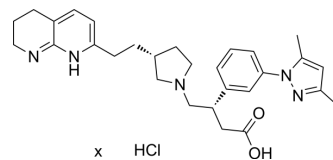


GSK 3008348 hydrochloride

Cat. No.:	HY-19767A		
CAS No.:	1629249-40-6		
Molecular Formula:	C ₂₉ H ₃₈ ClN ₅ O ₂		
Target:	Integrin		
Pathway:	Cytoskeleton		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 11.66 mg/mL (Need ultrasonic and warming)
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BIOLOGICAL ACTIVITY

Description	GSK 3008348 hydrochloride is a small molecule integrin $\alpha\text{v}\beta 6$ antagonist, extracted from patent WO/2014154725A1, example 1. The affinity (pIC ₅₀) for the human - a 6 protein in the Fluorescence Polarisation Assay for GSK 3008348 (hydrochloride) is 8.1, whereas its affinity in the cell Adhesion Assays was for: $\alpha\text{v}\beta 6$ (pIC ₅₀ = 8.4); $\alpha\text{v}\beta 3$ (pIC ₅₀ = 6); $\alpha\text{v}\beta 5$ (pIC ₅₀ = 6.9); $\alpha\text{v}\beta 8$ (pIC ₅₀ = 7.7).
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IC ₅₀ & Target	pIC ₅₀ value: 8.4 ($\alpha\text{v}\beta 6$) ^[1] .
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CUSTOMER VALIDATION

- Mbio. 2022 Sep 15;e0143422.
- Biochem J. 2021 May 14;478(9):1689-1703.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. 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.

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

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