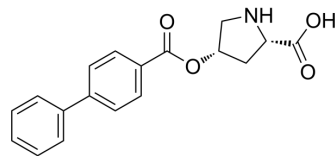


SN05

Cat. No.:	HY-146242
CAS No.:	2768663-51-8
Molecular Formula:	C ₁₈ H ₁₇ NO ₄
Molecular Weight:	311.33
Target:	EAAT; ASCT
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	SN05 is a potent amino acid transport (AAT) inhibitor with K _i s of 2.77 μM, 0.73 μM, 0.87 μM, 3.7 μM, 7.25 μM, 7.23 μM and 2.22 μM for human ASCT1, rat ASCT2, human ASCT2, EAAT1, EAAT2, EAAC1 and EAAT5, respectively. SN05 can be used for researching anticancer ^[1] .			
IC₅₀ & Target	EAAT1 3.7 μM (Ki)	EAAT2 7.25 μM (Ki)	EAAC1 7.23 μM (Ki)	EAAT5 2.22 μM (Ki)
	human ASCT1 2.77 μM (Ki)	human ASCT2 0.87 μM (Ki)	rat ASCT2 0.73 μM (Ki)	

REFERENCES

[1]. Christof GREWER, et al. Inhibitors of amino acid transport. WO2022087630A1

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

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