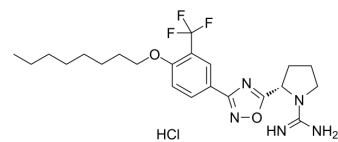


SLM6031434 hydrochloride

Cat. No.:	HY-120268A
CAS No.:	1897379-34-8
Molecular Formula:	C ₂₂ H ₃₁ ClF ₃ N ₅ O ₂
Molecular Weight:	489.96
Target:	SphK
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

SLM6031434 hydrochloride is a highly selective sphingosine kinase 2 (SphK2) inhibitor with K_is of 0.4 μM, 0.5 μM, >20 μM, 22 μM for mSphK2, rSphK2, mSphK1 and rSphK1, respectively. SLM6031434 hydrochloride decrease Sphingosine 1-phosphate (S1P) levels in U937 monocytic leukemia cells. SLM6031434 hydrochloride has the potential for renal fibrosis research^{[1][2]}.

REFERENCES

[1]. Yugesh Kharel, et al. Sphingosine Kinase 2 Inhibition and Blood Sphingosine 1-Phosphate Levels. J Pharmacol Exp Ther. 2015 Oct;355(1):23-31.

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

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