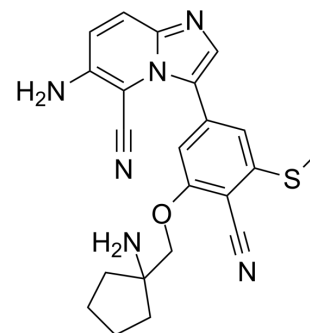


SIK-IN-2

Cat. No.:	HY-161441
CAS No.:	3033846-20-4
Molecular Formula:	C ₂₂ H ₂₂ N ₆ OS
Molecular Weight:	418.51
Target:	AMPK
Pathway:	Epigenetics; PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

SIK-IN-2 (Compound 45) is an inhibitor for salt-inducible kinase (SIK), which inhibits SKI1, SIK2 and SIK3 with IC₅₀s of 0.1, 0.2 and 0.4 nM, respectively. SIK-IN-2 inhibits the release of TNFα with IC₅₀ of 0.5 nM, stimulates the LPS (HY-D1056) -induced IL-10 release with EC₅₀ of 2 nM in human macrophages^[1].

REFERENCES

[1]. Bootsma AN et al., Heterocyclic sik inhibitors. WO2024062360A1.

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

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