

Product Datasheet

SIK-IN-4

Catalog No. **BP-02063** · CAS **3033846-10-2** · Form **free base** · Physical state **solid** · Color **Light yellow to yellow** · Version **1.0**
 · Revision **2026-09-14**

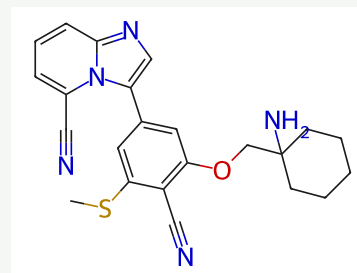
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Target Salt-inducible Kinase (SIK); Interleukin Related	Research area Inflammation/Immunology
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Molecular formula **C₂₃H₂₃N₅OS**

Molecular weight **417.5270**

STRUCTURE



DESCRIPTION

PF-07899895 (Compound 34) is a SIK inhibitor, with IC₅₀ values of 1.2 nM, 0.9 nM, and 1.8 nM against SIK1, SIK2, and SIK3, respectively. PF-07899895 modulates the anti-inflammatory cytokine IL-10 in immune cells. PF-07899895 is applicable to research related to inflammatory diseases.

BIOLOGICAL ACTIVITY

In Vitro

PF-07899895 is a salt-inducible kinase (SIK) inhibitor with potent activity, with IC₅₀ values of 1.2 nM, 0.9 nM and 1.8 nM against SIK1, SIK2 and SIK3, respectively.

PF-07899895 (~38 pM~10 μM) modulates the pro-inflammatory (TNF-α) and anti-inflammatory (IL-10) cytokine profiles in immune cells, with an IC₅₀ of 6.9 nM for TNF-α and an EC₅₀ of 28 nM for IL-10.

SOLUBILITY

Soluble in DMSO : 50 mg/mL

REFERENCES

[1]. Andrea Nicole BOOTSMA, et al. Heterocyclic sik inhibitors. Patent WO2024062360.

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