

Product Datasheet

BI-9787

Catalog No. **BP-02264** · CAS **3043939-18-7** · Form **free base** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-04**

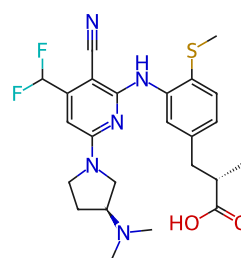
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Target Ketohexokinase	Research area Metabolic Disease
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Molecular formula **C₂₄H₂₉F₂N₅O₂S**

Molecular weight **489.5810**

STRUCTURE



DESCRIPTION

BI-9787 is a zwitterionic inhibitor for ketohexokinase, with an IC₅₀ of 12 and 12.8 nM for hKHK-A and hKHK-C. BI-9787 exhibits good metabolic stability in rat hepatocyte and good pharmacokinetic characteristics in rats .

SOLUBILITY

Soluble in DMSO

In vitro DMSO : 100 mg/mL

REFERENCES

[1]. Heine, Niklas et al. "Discovery of BI-9787, a potent zwitterionic ketohexokinase inhibitor with oral bioavailability." Bioorganic & medicinal chemistry letters vol. 112 (2024): 129930. doi:10.1016/j.bmcl.2024.129930

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