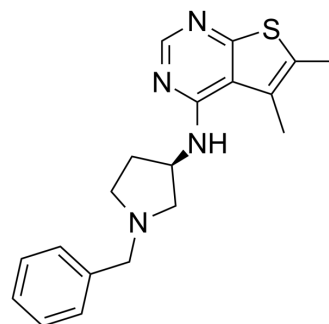


HS79

Cat. No.:	HY-112522
CAS No.:	2138838-56-7
Molecular Formula:	C ₁₉ H ₂₂ N ₄ S
Molecular Weight:	338.47
Target:	Fatty Acid Synthase (FASN)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	HS-79 is an enantiomer of Fasnall, which is a selective fatty acid synthase (FASN) inhibitor. HS-79 is able to inhibit the incorporation of tritiated acetate into lipids with an IC ₅₀ of 1.57 μM.
IC ₅₀ & Target	FASN ^[1]
In Vitro	Fasnall, a thiophenopyrimidine selectively targeting FASN through its co-factor binding sites. Fasnall has anti-proliferative activity and induces apoptosis in breast cancer cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Alwarawrah Y, et al. Fasnall, a Selective FASN Inhibitor, Shows Potent Anti-tumor Activity in the MMTV-Neu Model of HER2(+) Breast Cancer. Cell Chem Biol. 2016 Jun 23;23(6):678-88.

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

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