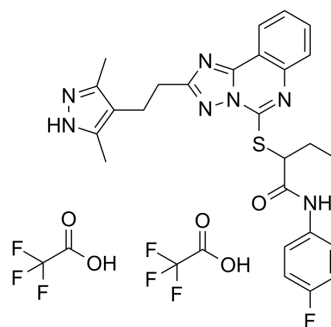


NCGC00138783

Cat. No.:	HY-143224
Molecular Formula:	C ₃₀ H ₂₈ F ₇ N ₇ O ₅ S
Molecular Weight:	731.64
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	NCGC00138783 is a selective inhibitor targeting CD47/SIRPα axis, with an IC ₅₀ of 50 μM. NCGC00138783 directly blocks the interaction between CD47 and SIRPα axis ^{[1][2]} .
IC₅₀ & Target	CD47/SIRPα axis ^[1]

REFERENCES

[1]. Junqiao Zhu, et al. CD47-SIRPα axis in cancer therapy: Precise delivery of CD47-targeted therapeutics and design of anti-phagocytic drug delivery systems. *Medicine in Drug Discovery*. 2022. 15:100139

[2]. Bo Huang, et al. Structural analysis and binding sites of inhibitors targeting the CD47/SIRPα interaction in anticancer therapy. *Comput Struct Biotechnol J*. 2021 Oct 1;19:5494-5503.

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

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