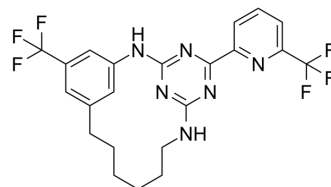


IDH2R140Q-IN-1

Cat. No.:	HY-146002
CAS No.:	2469044-23-1
Molecular Formula:	C ₂₂ H ₂₀ F ₆ N ₆
Molecular Weight:	482.42
Target:	Isocitrate Dehydrogenase (IDH)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

IDH2R140Q-IN-1 (compound C6) is a potent inhibitor of IDH2^{R140Q}, with an IC₅₀ of 6.1 nM. IDH2R140Q-IN-1 can be used for the research of acute myeloid leukemia^[1].

REFERENCES

[1]. Che J, et, al. Structure-based design, synthesis and bioactivity evaluation of macrocyclic inhibitors of mutant isocitrate dehydrogenase 2 (IDH2) displaying activity in acute myeloid leukemia cells. *Eur J Med Chem.* 2020 Oct 1;203:112491.

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

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