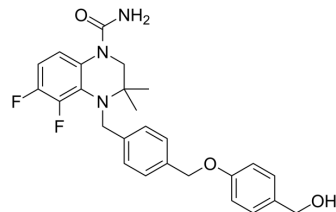


AMPD2 inhibitor 2

Cat. No.:	HY-152199
CAS No.:	3026893-31-9
Molecular Formula:	C ₂₆ H ₂₇ F ₂ N ₃ O ₃
Molecular Weight:	467.51
Target:	Adenosine Deaminase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

AMPD2 inhibitor 2 (compound 21) is a potent AMP deaminase 2 (AMPD2) inhibitor with IC₅₀s of 0.1 μM and 0.28 μM for hAMPD2 and mAMPD2, respectively. AMPD2 inhibitor 2 has the potential for evaluating the physiological role of AMPD2 in mice maintained on a high fat diet^[1].

REFERENCES

[1]. Yuki Kitao, et al. The discovery of 3,3-dimethyl-1,2,3,4-tetrahydroquinoxaline-1-carboxamides as AMPD2 inhibitors with a novel mechanism of action. *Bioorg Med Chem Lett.* 2022 Dec 20;80:129110.

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

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