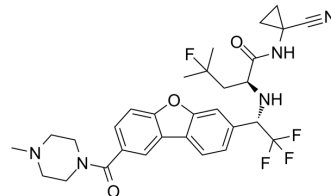


Cathepsin K inhibitor 2

Cat. No.:	HY-143714
CAS No.:	2672478-52-1
Molecular Formula:	C ₃₀ H ₃₃ F ₄ N ₅ O ₃
Molecular Weight:	587.61
Target:	Cathepsin
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cathepsin K inhibitor 2 is a potent inhibitor of cathepsin K. Cathepsin K, Cat K is a cysteine protease expressed under the control of CTSK gene and closely related to osteoporosis, whose main function is to hydrolyze collagen. Cathepsin K inhibitor 2 has the potential for the research of osteoarthritis (extracted from patent WO2021147882A1, compound 78)^[1].

REFERENCES

[1]. Junjun Wu, et al. A dibenzofuran derivative histoproteinase k inhibitor and its preparation method and pharmaceutical use. Patent WO2021147882A1.

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

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