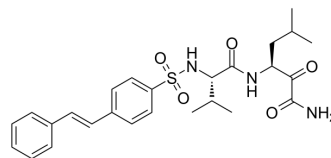


Calpain Inhibitor-2

Cat. No.:	HY-147734
CAS No.:	2413962-65-7
Molecular Formula:	C ₂₆ H ₃₃ N ₃ O ₅ S
Molecular Weight:	499.62
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Calpain inhibitors are lipophilic and show moderate to good antiproliferative activity in vitro compared with melanoma cell lines (a-375 and b-16f1) and PC-3 prostate cancer cells. In addition, a member of this group (compound 3) expressed 2 μ M concentration inhibited the invasion of DU-145 cells by 80%.

REFERENCES

[1]. Donkor IO, et al. Synthesis and antiproliferative activity of sulfonamide-based peptidomimetic calpain inhibitors. *Bioorg Med Chem.* 2020 May 1;28(9):115433.

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

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