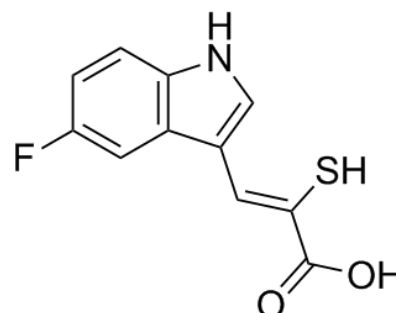


Product Name : PD-151746
Cat. No. : PC-45704
CAS No. : 179461-52-0
Molecular Formula : C₁₁H₈FNO₂S
Molecular Weight : 237.2501
Target : Proteasome
Solubility : DMSO: ≥ 37 mg/mL



Biological Activity

A potent, selective, cell-permeable Calpain inhibitor with K_i of 0.26 μ M for m-calpain; displays 20-fold selectivity over m-calpain; attenuates the SLLVY-AMC hydrolysis induced by maitotoxin in SY5Y cells; decreases cytotoxicity induced by oxidized low-density lipoprotein (oxLDL) in HMEC-1 cells.

References

- Wang KK, et al. Proc Natl Acad Sci U S A. 1996 Jun 25;93(13):6687-92.
Porn-Ares MI, et al. Biochem J. 2003 Sep 1;374(Pt 2):403-11.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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