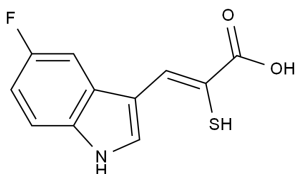


Product Name	: PD-151746	
Synonyms	: PD151746;PD-151746	
Cat No.	: M12706	
CAS Number	: 179461-52-0	
Molecular Formula	: C ₁₁ H ₈ FN ₂ S	
Formula Weight	: 237.25	
Chemical Name	: 2-Propenoic acid, 3-(5-fluoro-1H-indol-3-yl)-2-mercapto-	
Description	A potent, selective, cell-permeable Calpain inhibitor with K _i of 0.26 μM 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.	
Pathway	: Proteasome/Ubiquitin	
Target	: Proteasome	
Receptor	: m-calpain; μ-Calpain	
Solubility	: DMSO: ≥ 37 mg/mL	
SMILES	: <chem>O=C(O)/C(S)=C/C1=CNC2=C1C=C(F)C=C2</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

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