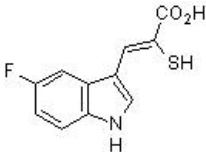


Product datasheet

PD 151746, Calpain inhibitor ab145523

Overview

Product name	PD 151746, Calpain inhibitor
Description	Cell permeable, selective, non-peptidic calpain inhibitor
Biological description	Cell permeable, selective, non-peptidic calpain inhibitor (K_i values are 0.3 and 5 μM for calpain 1 and calpain 2, respectively). Stimulates phagocyte function <i>via</i> hFPR/hFPRL1 activation. Interacts with the Ca^{2+} calpain sites. Shows antiapoptotic effects.
Purity	> 96%
CAS Number	179461-52-0
Chemical structure	

Properties

Chemical name	3-(5-Fluoro-1 <i>H</i> -indol-3-yl)-2-mercapto-2-propenoic acid
Molecular weight	237.25
Molecular formula	$\text{C}_{11}\text{H}_8\text{FNO}_2\text{S}$
Storage instructions	Store at -20°C . Store In the Dark. Store under desiccating conditions. This product is air and light sensitive and impurities can occur as a result of air oxidation or due to metabolism by microbes.
Solubility overview	Soluble in DMSO to 100 mM
Handling	Unstable; make up solutions fresh and use immediately. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	<chem>C1=CC2=C(C=C1F)C(=CN2)C=C(C(=O)O)S</chem>
Source	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors
- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team