

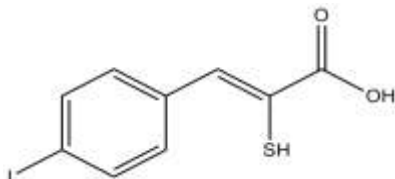
PD 150606

ALTERNATE NAME: 3-(4-Iodophenyl)-2-mercapto-(Z)-2-propenoic acid

CATALOG #: 1906-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₉H₇IO₂S

MOLECULAR WEIGHT: 306.12

CAS NUMBER: 179528-45-1

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (10 mg/ml) or EtOH (1 mg/ml)

PURITY: ≥98% by NMR

STORAGE: Store at -20°C

DESCRIPTION: Cell-permeable. A selective, non-competitive Calpain inhibitor (K_i = 210 nM and 370 nM for Calpain-1 and Calpain-2, respectively). Interacts with the calcium-binding domain of calpain.

REFERENCE: Wang, K.K., *et al.* (1996). *Adv. Exp. Med. Biol.* **389**, 95.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- Bafilomycin A1 (Cat. No. 1829-50, 250)
- Calpain Activity Assay Kit (Cat. No. K240-100)
- Calpain 1 Antibody (Cat. No. 3189-100)
- Calpain 1 Blocking Peptide (Cat. No. 3189BP-50)
- Calpain 2 Antibody (Cat. No. 3372-100)
- Calpain 2 Blocking Peptide (Cat. No. 3372BP-50)
- Calpain, Human, Active (Cat. No. 1134-100)
- Calpain Inhibitor II, ALLM (Cat. No. 1835-5, 25)
- Calpain Inhibitor Z-LLY-FMK (Cat. No. 1125-20C)
- Suc-Leu-Leu-Val-Tyr-AMC (Cat. No. 1833-5)