

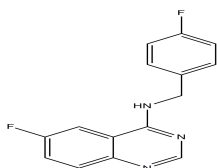
PRODUCT: Spautin-1

ALTERNATE NAME: 6-Fluoro-N-(4-fluorobenzyl)quinoxaline-4-amine

CATALOG #: 2037-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₅H₁₁F₂N₃

MOLECULAR WEIGHT: 271.26

CAS NUMBER: 1262888-28-7

APPEARANCE: White solid

SOLUBILITY: DMSO (100 mM)

PURITY: ≥97% by HPLC

STORAGE: Store at -20 °C. Protect from light.

DESCRIPTION: Cell-permeable. A specific and potent autophagy inhibitor in mammalian cells. It promotes the degradation of Vps34 PI3 kinase complexes by inhibiting two ubiquitin specific peptidases, USP10 and USP13, that target the Beclin1 subunit of Vps34 complexes. Spautin-1 blocks the prosurvival autophagy pathway in cancer cells.

REFERENCES: Liu, J., *et al.* (2011). *Cell* **147**, 223-234.

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

RELATED PRODUCTS:

- Aclacinomycin A (Cat. No. 2032-5, 25)
- Calpain Inhibitor I, ALLN (Cat. No. 1834-5, 25)
- Calpain Inhibitor II, ALLM (Cat. No. 1834-5, 25)
- Clasto-Lactacystin β-Lactone (Cat. No. 1710-100)
- E6AP Antibody (Cat. No. 3744-100)
- (-)-Epigallocatechin gallate (Cat. No. 1841-50)
- Isopeptidase T (short form), human recombinant (Cat. No. 4861-25)
- Isopeptidase T (long form), human recombinant (Cat. No. 4862-25)
- Lactacystin (Cat. No. 1709-200)
- MG-115 (Cat. No. 1831-1, 5)
- MG-132 (Cat. No. 1703-5, 25)
- PS-341 (Cat. No. 1846-1,5)
- EZSolution™ MG-132 (Cat. No. 1791-5)
- LDN-57444 (Cat. No. 2016-5, 25)
- MDBN (Cat. No. 2033-5, 25)
- NEDD8-AMC (Cat. No. 4843-25)
- Proteasome Activity Assay Kit (Cat. No. K245-100)
- Proteasome Substrate, Fluorogenic (Cat. No. 1832-1, 5)
- PYR-41 (Cat. No. 1925-5, 25)
- Suc-Leu-Leu-Val-Tyr-AMC (Cat. No. 1833-5)
- (±)- Thalidomide (Cat. No. 2020-10, 50)
- UbcH1, human recombinant (GST-tag) (Cat. No. 4846-100)
- UbcH2, human recombinant (His-tag) (Cat. No. 4848-100)
- UbcH3, human recombinant (His-tag) (Cat. No. 4849-100)
- UbcH5a, human recombinant (His-tag) (Cat. No. 4851-100)
- UbcH5b, human recombinant (His-tag) (Cat. No. 4852-100)
- UbcH5c, human recombinant (His-tag) (Cat. No. 4854-100)
- Ubiquitin Aldehyde (Cat. No. 4845-50)
- Ubiquitin, human recombinant (Cat. No. 4841-100,1000)
- Ubiquitin AMC (Cat. No. 4842-25)
- UCH-L1, human recombinant (GST-tag) (Cat. No. 4855-50)
- USP7 Antibody (Cat. No. 3737-100)
- USP-14 Inhibitor IU1 (Cat. No. 1845-5, 25)
- WP-1130 (Cat. No. 2014-5, 25)

USAGE: *FOR RESEARCH CH USE ONLY! Not to be used in humans*