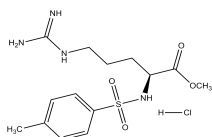


PRODUCT: TAME Hydrochloride**ALTERNATE NAME:** N-*p*-Tosyl-L-arginine methyl ester hydrochloride**CATALOG #:** 2050-100, 500, 1000**AMOUNT:** 100 mg, 500 mg, 1 g**STRUCTURE:****MOLECULAR FORMULA:** C₁₄H₂₂N₄O₄S · HCl**MOLECULAR WEIGHT:** 378.87**CAS NUMBER:** 1784-03-8**APPEARANCE:** White solid**SOLUBILITY:** Water (50 mg/ml)**PURITY:** ≥98% by TLC**STORAGE:** Store at -20 °C. Protect from moisture

DESCRIPTION: A small molecule anaphase-promoting complex/cyclosome (APC/C) inhibitor that stabilizes APC/C substrates in mitotic *Xenopus* extracts. TAME binds to APC and prevents its activation by Cdc20 and Cdh1. In the absence of APC substrates, TAME ejects Cdc20 from the APC by promoting Cdc20 autoubiquitination in its N-terminal region. TAME also stabilizes cyclin B1 by prematurely terminating ubiquitination.

REFERENCE: Zeng, X., and King, R. (2012). *Nat. Chem. Biol.* DOI:10.1038, 383-392.

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

RELATED PRODUCTS:

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)

NSC-687852 (Cat. No. 2021-5, 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