Creative Enzymes®

TAME Hydrochloride

Cat. No. CEI-0400

Lot. No. (See product label)

Introduction

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.
Synonyms	N-p-Tosyl-L-arginine methyl ester hydrochloride

Product Information

Appearance	Yellow solid
CAS No.	1784-03-8
Molecular Formula	C 14 H 22 N 4 O 4 S.HCl
Molecular Weight	367.2
Purity	>90% by ^{51}V-NMR
Targets	anaphase-promoting complex/cyclosome (APC/C)
Solubility	DMSO or H_2O

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	Gel pack