

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

C₁₄ H₂₂ N₄ O₄ S.HCl

Molecular Weight

367.2

Purity

>90% by ⁵¹V-NMR

Targets

anaphase-promoting complex/cyclosome (APC/C)

Solubility

DMSO or H₂O

Storage and Shipping Information

Storage

-20 centigrade

Shipping Conditions

Gel pack