

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