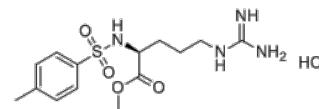


Product Name : TAME hydrochloride
Cat. No. : PC-63041
CAS No. : 1784-03-8
Molecular Formula : C₁₄H₂₂N₄O₄S.HCl
Molecular Weight : 378.87
Target : Cyclin-dependent Kinase (CDK)
Solubility : 10 mM in DMSO



Biological Activity

TAME hydrochloride is a small molecule anaphase-promoting complex/cyclosome (**APC/C**) inhibitor that binds to the APC preferentially suppresses APC/C(Cdc20) rather than APC/C(Cdh1).

TAME hydrochloride inhibits cyclin proteolysis in mitotic *Xenopus* egg extract with IC₅₀ of 12 μM.

TAME hydrochloride promotes Cdc20 autoubiquitination, blocks cyclin degradation in interphase extract.

References

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Zeng X, et al. *Cancer Cell*. 2010 Oct 19;18(4):382-95.

Zeng X, et al. *Nat Chem Biol*. 2012 Feb 26;8(4):383-92.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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