PRODUCT INFORMATION

AAF-CMK (trifluoroacetate salt)
Item No. 14461

CAS Registry No.: 184901-82-4
Formal Name: L-alanyl-N-[(1S)-3-chloro-2-oxo-1-(phenylmethyl)propyl]-L-alaninamide, mono(trifluoroacetate)
Synonyms: N-Ala-Ala-Phe-CMK, Tripeptidyl Peptidase Inhibitor II
MF: C_{16}H_{22}ClN_{3}O_{3} • CF_{3}COOH
FW: 453.8
Purity: ≥ 95%
Supplied as: A crystalline solid
Storage: -20°C
Stability: ≥ 4 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

AAF-CMK (trifluoroacetate salt) is supplied as a crystalline solid. A stock solution may be made by dissolving the AAF-CMK (trifluoroacetate salt) in the solvent of choice. AAF-CMK (trifluoroacetate salt) is soluble in water at a concentration of approximately 10 mg/ml. We do not recommend storing the aqueous solution for more than one day.

Description

Tripeptidyl peptidase II (TPPII) is a serine peptidase of the subtilisin-type which removes tripeptides from the free NH2 terminus of oligopeptides. AAF-CMK is an irreversible inhibitor of TPPII commonly used at 10-100 µM. It does not significantly interfere with the chymotrypsin-like activity of the proteasome. AAF-CMK also inhibits bleomycin hydrolase and puromycin-sensitive aminopeptidase when used at 50 µM.

References


WARNING
This product is for research only - not for human or veterinary diagnostic or therapeutic use.

Safety Data
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

Warranty and Limitation of Remedy
Buyer agrees to purchase the material subject to Cayman’s Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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