

Product Data Sheet

Product Name: Ac-KVPL-CMK TFA

Cat. No.: GC81367

Chemical Properties

Cas. No.

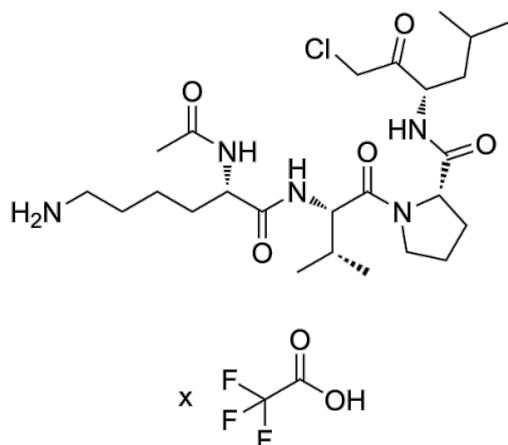
Formula $C_{25}H_{44}ClN_5O_5 \cdot xC_2HF_3O_2$ M.Wt 530.1

Solubility DMSO: 100 mg/mL (Need ultrasonic) Storage Sealed storage, away from moisture

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Ac-KVPL-CMK TFA is the trifluoroacetic acid of Ac-KVPL-CMK. Ac-KVPL-CMK is an inhibitor that

Caution: Product has not been fully validated for medical applications. For research use only.

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specifically targets Granzyme M (GrM). Ac-KVPL-CMK significantly inhibits GrM-mediated tumor cell death. Ac-KVPL-CMK reduces the cytotoxic activity of LAK cells against HeLa cells. Ac-KVPL-CMK can be used for the study of cancer [1].

References:

[1]. de Poot SA, et al. Granzyme M: behind enemy lines. Cell Death Differ. 2014 Mar;21(3):359-68.

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