
Product Data Sheet

Product Name: Acetyl-Pepstatin

Cat. No.: GA20545

Chemical Properties

Cas. No. 28575-34-0

Formula $C_{31}H_{57}N_5O_9$ M.Wt 643.82Solubility Soluble in DMSO Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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**

Acetyl-pepstatin is reported to be an effective inhibitor of HIV-1 proteinase ($K_i = 20$ nM at pH 4.7) and of HIV-2 proteinase ($K_i = 5$ nM at pH 4.7). Ac-Val-Val-Sta-Ala-Sta also inhibits the *P. falciparum* aspartyl protease plasmepsin II, IC_{50} 0.6 nM.

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

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