
Product Data Sheet

Product Name: Ac-Asp-Glu-Val-Asp-aldehyde (pseudo acid)

Cat. No.: GA20493

Chemical Properties

Cas. No. 184179-08-6

Formula $C_{20}H_{30}N_4O_{11}$ M.Wt 502.48

Solubility 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

Ac-DEVD-CHO is a potent inhibitor of the poly(ADP-ribose) polymerase (PARP) cleavage by caspase-3 ($IC_{50} = 0.2$ nM). PARP cleavage occurs at the onset of apoptosis. The peptide aldehyde was able to attenuate apoptotic events in vitro ($IC_{50} = 10$ to 100 nM)

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

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