

Product Data Sheet

Product Name: Ac-DEVD-pNA

Cat. No.: GC12734

Chemical Properties

Cas. No. 189950-66-1

Chemical Name 7-(2-carboxyethyl)-4-(carboxymethyl)-10-isopropyl-13-((4-nitrophenyl)carbamoyl)-2,5,8,11-tetraoxo-3,6,9,12-tetraazapentadecan-15-oic acid

SMILES O=C(O)CCC(NC(C(NC(C)=O)CC(O)=O)=O)C(NC(C(C)C)C(NC(CC(O)=O)C(NC1=CC=C([N+])([O-])=O)C=C1)=O)=O)=O

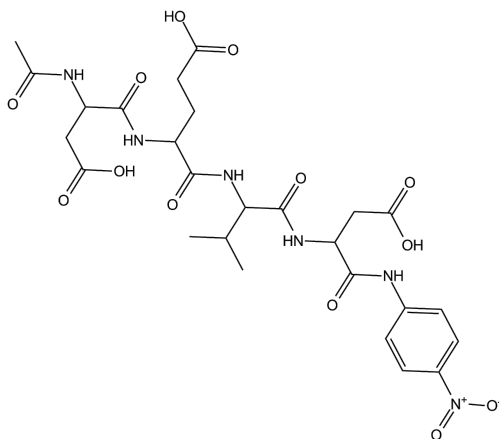
Formula $C_{26}H_{34}N_6O_{13}$ M.Wt 638.58

Solubility $\geq 6.39\text{mg/mL}$ in Water Storage Store at -20°C

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-DEVD-pNA is a colorimetric substrate for caspase-3 (CPP32) and related cysteine proteases.

References:

[1]. Talanian RV, et al. Substrate specificities of caspase family proteases. J Biol Chem. 1997 Apr 11;272(15):9677-82.

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

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