

Product Data Sheet

Product Name: Ac-VEID-AMC

Cat. No.: GC42717

Chemical Properties

Cas. No. 219137-97-0

SMILES CC(C1=CC=C(C=C1O2)NC([C@@H](NC(C(NC([C@@H](NC([C@@H](NC(C)=O)C(C)C)=O)CCC(O)=O)=O)[C@H](CC)C)=O)CC(O)=O)=O)=CC2=O

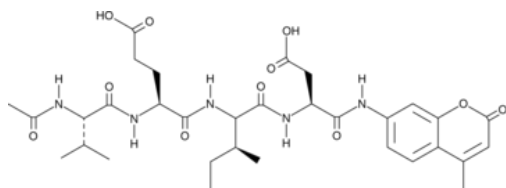
Formula C32H43N5O11 M.Wt 673.7

Solubility DMSO: 10 mg/ml Storage Store at -20°C

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

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

Structure



Background

Ac-VEID-AMC is a fluorogenic substrate based on the caspase-6 cleavage site in lamin A at amino acids VEID during apoptosis. It has also been reported to be cleaved by related proteases, including caspase-8. Caspase activity can be quantified by fluorescent detection of free AMC (also known as 7-amino-4-methylcoumarin), which is excited at 340-360 nm and emits at 440-460 nm.

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

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