

Product Data Sheet

Product Name: Ac-LETD-AFC

Cat. No.: GC40556

Chemical Properties

Cas. No. 210345-02-1

SMILES OC(C[C@H](NC(C(NC([C@@H](NC([C@H](CC(C)C)NC(C)=O)=O)CCC(O)=O)=O)[C@@H](C)O)=O)C(NC(C=C1O2)=CC=C1C(C(F)(F)F)=CC2=O)=O)=O

Formula C₃₁H₃₈F₃N₅O₁₂

M.Wt 729.7

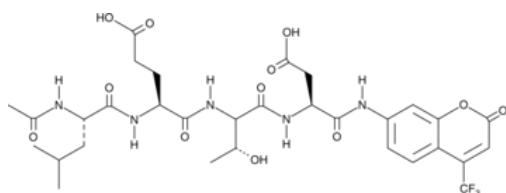
Solubility DMSO: 10 mg/ml

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-LETD-AFC is a fluorogenic substrate that can be cleaved specifically by caspase-8. Caspase activity can be quantified by fluorescent detection of free AFC (also known as 7-amino-4-trifluoromethylcoumarin), which is excited at 400 nm and emits at 505 nm.

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

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