

Product Data Sheet

Product Name: Z-YVAD-AFC (trifluoroacetate salt)

Cat. No.: GC40153

Chemical Properties

Cas. No.

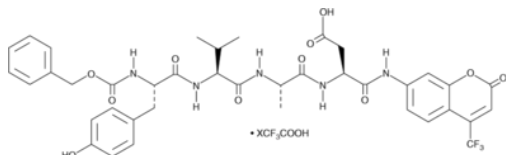
Formula C₃₉H₄₀F₃N₅O₁₁ • XCF₃COOH M.Wt 811.8

Solubility Formic Acid: 1 mg/ml 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

Z-YVAD-AFC is a fluorogenic substrate for caspase-1. Upon enzymatic cleavage by caspase-1, 7-amino-4-trifluoromethylcoumarin (AFC) is released and its fluorescence can be used to quantify caspase-1 activity. AFC displays excitation/emission maxima of 400/505 nm, respectively.

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

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