

Product Data Sheet

Product Name: Z-IETD-AFC

Cat. No.: GC45181

Chemical Properties

Cas. No. 219138-02-0

SMILES OC(C[C@H](NC([C@](C)(NC([C@@H](NC([C@@]([C@@H](C)CC)([H])NC(OCC1=CC=C(C=C1)=O)=O)CCC(O)=O)=O)([H])[C@@H](C)O)=O)C(NC(C=C2O3)=CC=C2C(C(F)(F)F)=CC3=O)=O)=O

Formula C37H42F3N5O13

M.Wt 821.8

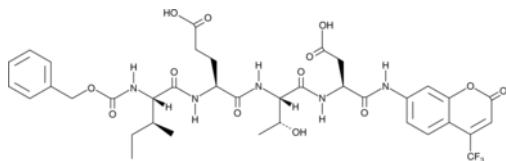
Solubility Soluble in DMSO

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-IETD-AFC is a fluorogenic substrate for caspase-8 and granzyme B. Upon enzymatic cleavage by caspase-8 or granzyme B, 7-amino-4-trifluoromethylcoumarin (AFC) is released and its fluorescence can be used to quantify caspase-8 or granzyme B activity. AFC displays excitation/emission maxima of 380/500 nm, respectively.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA