



MANUFACTURED BY VDM BIOCHEMICALS, INC.
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CERTIFICATE OF ANALYSIS

Product name: **Ac-IETD-AFC**

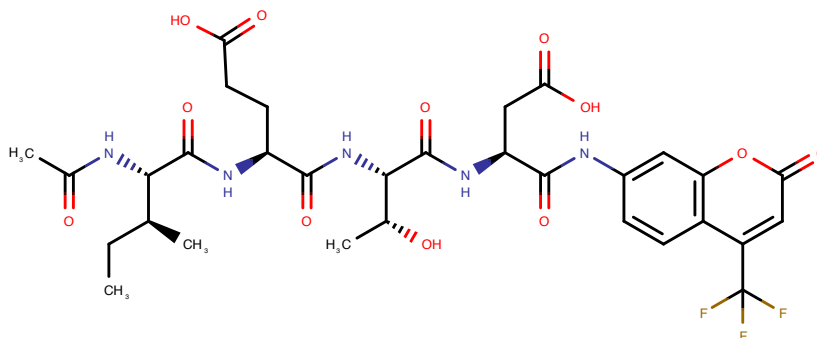
Cat. number: **VD-NP-0054**

CAS Number: **211990-57-7**

Lot number: **VDAA-000021**

Personal protective equipment

- Lab coat.
- Safety glasses.



Product Specification

Formula:	C ₃₁ H ₃₈ F ₃ N ₅ O ₁₂
MW:	729.65
Purity:	≥97% by HPLC.
Appearance:	Lyophilized solid.
Solubility:	Dimethylsulfoxide (DMSO) to 50 mg/ml.
Storage:	Freezer (-20°C).
Synonyms:	N-acetyl-Ile-Glu-Thr-Asp-AFC (7-amino-4-trifluoromethyl coumarin)

Product Description

Fluorogenic substrate for caspases-6 (Mch2), -8 (FLICE), -10 (Mch4) and related cysteine proteases. Similar to Ac-IETD-AMC but the AFC fluorophore has a greater Stokes' shift upon cleavage. Reaction can be monitored quantitatively or visually by a blue to green shift in fluorescence upon cleavage.

Quality control department:

This material is chemically synthesized. Made in USA

TO BE USED FOR RESEARCH PURPOSES ONLY. NOT FOR DRUG OR CLINICAL USE IN HUMANS OR FOOD ADDITIVE USE