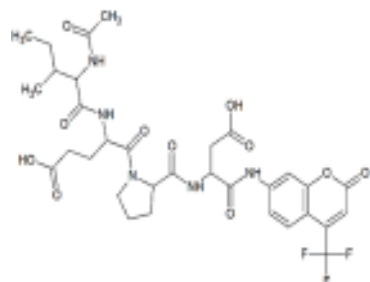


Ac-IEPD-AFC

ALTERNATE NAME: Ac-Ile-Glu-Pro-Asp-AFC
N-Acetyl-Ile-Glu-Pro-Asp-(7-amino-4-trifluoromethylcoumarin)
Granzyme B substrate

CATALOG #: B2526-5 5 mg
B2526-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₂H₃₈F₃N₅O₁₁

MOLECULAR WEIGHT: 725.67

CAS NUMBER: 1135417-31-0

APPEARANCE: White to off-white solid

PURITY: ≥95% by HPLC

SOLUBILITY: >14 mg/ml DMSO

DESCRIPTION: Ac-IEPD-AFC is a useful fluorogenic substrate for the detection of Granzyme B. Granzyme B activity can be quantified by fluorescent detection of free AFC that has an excitation maximum at 400 nm and emission maximum at 505 nm.

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Granzyme B Activity Fluorometric Assay Kit (K168)
Human CellExp™ Granzyme B, human recombinant (7233)
Granzyme B, Mouse recombinant (Insect) (7608)
Granzyme B Inhibitor Ac-IEPD-CHO (1119)
Granzyme B, human recombinant (Insect) (4728)
Granzyme B Inhibitor Screening Kit (Fluorometric) (K169)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*