

Catalog	Unit
TBP0114-50MG	50 mg
TBP0114-100MG	100 mg
TBP0114-200MG	200 mg

Description

This product is a fluorometric substrate for caspases that recognize the amino acid sequence ATAD. Caspase activity can be quantified by fluorescent detection of free AFC (AFC: 7-amino-4-trifluoromethyl coumarin) after cleaved from the peptide substrate ATAD-AFC at Ex/Em = 400/505 nm using a fluorescence plate reader. Alternatively, a shift in fluorescence from blue to green upon cleavage can be visualized using a hand-held long-UV lamp.

This product is used as a fluorometric substrate for caspase-12 activity.

Product Details

Alternative names: Ac-ATAD-AFC, Caspase-12 Substrate, Fluorogenic

Peptide Sequence: Ac-Ala-Thr-Ala-Asp-AFC

Molecular Formula: C₂₆H₃₀F₃N₅O₁₀

Molecular Weight: 629.54

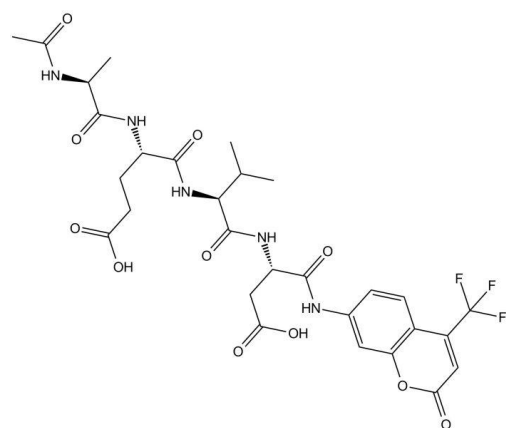
Purity: > 98%

Storage: -20°C

Stabilizer: >4 Years.

Solubility: DMSO

Application: Caspase-12 activity determination



For research use only