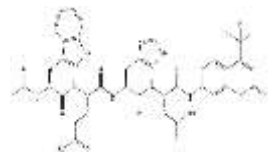


<b>PRODUCT:</b>	<b>Ac-WEHD-AFC</b>
<b>ALTERNATE NAMES:</b>	Caspase-1 substrate (fluorogenic), Caspase-5 substrate (fluorogenic)
<b>CATALOG NUMBER:</b>	B2214-5,25
<b>AMOUNT:</b>	5 mg, 25 mg

**STRUCTURE:**

**PEPTIDE SEQUENCE:** Ac-Trp-Glu-His-Asp-AFC (AFC=7-Amino-4-trifluoromethylcoumarin)

**MOLECULAR FORMULA:** C<sub>38</sub>H<sub>37</sub>F<sub>3</sub>N<sub>8</sub>O<sub>11</sub>

**MOLECULAR WEIGHT:** 838.8

**CAS NUMBER:** 210344-99-3

**APPEARANCE:** White to yellow solid

**SOLUBILITY:** DMSO (~10 mg/ml)

**PURITY:** ≥97% by HPLC

**STORAGE:** Store at -20 °C. Protect from air and light

**DESCRIPTION:** Ac-WEHD-AFC is a useful fluorogenic substrate for group I caspases (caspase-1, -4, and -5). Caspase activity can be quantified by fluorescent detection of free AFC that has an excitation maximum at 400 nm and emission maximum at 505 nm.

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

**RELATED PRODUCTS:**

Ac-WEHD-AFC (**B2214**)  
Caspase-5 Substrate, WEHD-AFC (**1101**)  
Caspase-5 Substrate, WEHD-pNA (**1102**)  
Caspase-5 Inhibitor Z-WEHD-FMK (**1100**)  
Caspase-5 colorimetric Assay Kit (**K123**)  
Caspase-5 fluorometric Assay Kit (**K122**)  
Caspase-5 Inhibitor Drug Screening Kit (**K155**)  
Caspase-5, Human recombinant (**1085**)

**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**