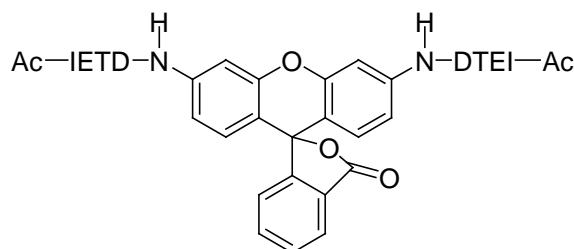


## PRODUCT AND SAFETY DATA SHEET

**PRODUCT NAME:** **Ac-IETD-R110** (Rhodamine 110, bis-(N-acetyl-L-isoleucyl-L-glutamyl-L-threonyl-L-aspartic acid amide))

**CATALOG #** 10207

**MOLECULAR INFORMATION:** C<sub>68</sub>H<sub>82</sub>N<sub>10</sub>O<sub>24</sub>  
MWt: 1422

**PROPERTIES:**

**Color & Form** Tan to pinkish solid  
**Solubility** Soluble in DMSO  
**Purity** ≥ 95% by HPLC  
**Absorption/Emission** 496 nm/520 nm (strong fluorescence)  
(end product R110)  
**Extinction Coefficient**

**STORAGE AND HANDLING:** Store at -20 °C and protect from light

**APPLICATION:** Ac-IETD-R110 is a substrate for caspase-8, which is involved at the early stage of apoptosis, acting as an initiator of the caspase activation cascade. For user convenience, we also offer ready-to-use Caspase-8 IETD-R110 Fluorometric and Colorimetric Assay Kit (#30011) and Caspase-8 IETD-R110 Fluorometric HTS Assay Kit (#30012).

**TOXICITY:** Not established. Not listed by NTP, IARC or OSHA.

**FIRST AID:** Potentially harmful. Avoid prolonged or repeated exposure. Avoid getting in eyes, on skin, or on clothing. Wash thoroughly after handling. If eye or skin contact occurs, wash affected areas with plenty of water for 15 minutes and seek medical advice. In case of inhaling or swallowing, move individual to fresh air and seek medical advice immediately.

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