



PRODUCT DATA SHEET

Product: γ -Secretase Fluorogenic Substrate-2

Cat. No: AC-062 (1 mg)

Solubility: DMSO

Sequence:

Arg-Arg-Lys(MCA)-Gly-Val-Val-Ile-Ala-Thr-Val-Ile-Ile-Glu-Lys-Lys-(DNP)-Arg-Arg-NH₂ . 5TFA

Molecular Weight:

2403 (Not including 5 TFA salts)

Format: Yellow Solid

Principle:

When the substrate is cleaved, the DNP no longer quenches the MCA fluorophore. MCA has an excitation of 325 nm and an emission of 393 nm.

Analytical Data:

- Mass Spec: M+1 = 2404.8
- HPLC: >90 ± 1%

Storage and Stability:

Stable at room temperature short term. Recommend storing desiccated at -20°C. Stable for >1 year when stored desiccated at -20°C in dark. Protect from light. Avoid repeat freeze / thaw cycles.

Limitations:

For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.