



PRODUCT DATA SHEET

Product: α -Secretase Substrate-2

Cat. No: AC-058 (1 mg)

Sequence:

MCA-Pro-Leu-Ala-Gln-Ala-Val-Dap(DNP)-Arg-Ser-Ser-Arg-NH₂

Molecular Weight: 1637.75

Format:

Yellow lyophilized powder

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+A = 1638.77
- HPLC: 98% +/- 1
- AAA Calculated: Ala:2, Arg:2, Gln:1, Leu:1, Pro:1, Ser:3, Val:1.

Storage and Stability:

Keep cool and desiccated at 4°C.

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.