



PRODUCT DATA SHEET

Product: MMP Substrate-2

Cat. No: AC-052 (3 mg)

Description:

Matrix Metalloprotease Substrate-2.

Sequence:

MCA-Arg-Pro-Lys-Pro-Val-Glu-Nval-Trp-Arg-
Lys(DNP)-NH₂

Molecular Weight: 1675

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:

HPLC: 98 +/- 1%

Mass Spec: M+1=1675.2

AAA: Confirmed

Storage and Stability:

Keep desiccated at -20°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.