



DATA SHEET

Product Name	FRETS - VWF73 (Fluorescence - Quenching Substrate for ADAMTS - 13) <i>DRE - Dap(Nma) - APNLVYMVTG - Dpa - PASDEIKRLPGDIQVVPIGVGPNANVQELERIGWPNAPILIQDFETLPREAPDLVLQR</i>
Size	0.1 mg
Catalog #	3224-s
Purity	% Peak Area By HPLC ≥ 95%
Description	FRETS-VWF73 is a very powerful Fluorescence-Quenching Substrate for the VWF cleaving protease ADAMTS-13. It is commonly used as a useful tool for the rapid measurement of ADAMTS-13 activity in plasma and is a predictive marker for various thrombotic diseases like TPP. Our new substrate FRETS-VWF73 can be easily used with a 96-well format in commercial plate readers.
Storage	-20°C
Molecular Weight	8314.3
Sequence (One-Letter Code)	DRE-Dap(Nma)-APNLVYMVTG-Dap(Dnp)-PASDEIKRLPGDIQVVPIGVGPNANVQELERIGWPNAPILIQDFETLPREAPDLVLQR
Sequence (Three-Letter Code)	H - Asp - Arg - Glu - Dap(Nma) - Ala - Pro - Asn - Leu - Val - Tyr - Met - Val - Thr - Gly - Dap(Dnp) - Pro - Ala - Ser - Asp - Glu - Ile - Lys - Arg - Leu - Pro - Gly - Asp - Ile - Gln - Val - Val - Pro - Ile - Gly - Val - Gly - Pro - Asn - Ala - Asn - Val - Gln - Glu - Leu - Glu - Arg - Ile - Gly - Trp - Pro - Asn - Ala - Pro - Ile - Leu - Ile - Gln - Asp - Phe - Glu - Thr - Leu - Pro - Arg - Glu - Ala - Pro - Asp - Leu - Val - Leu - Gln - Arg - OH
References	K. Kokame, et al. Br. J. Haematol., 129, 93-100 (2005)