

Product Data Sheet

Product Name: Biotin-FRETS-VWF73 TFA

Cat. No.: GC80371

Chemical Properties

Cas. No.

Formula $C_{380}H_{597}N_{105}O_{115}S_2 \cdot xC_2HF_3O_2$ M.Wt 8540.57

Solubility Storage Sealed storage, away from moisture

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure

Biotin-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 (TFA salt)

Background

Biotin-FRETS-VWF73 TFA is a biotin-labeled 73-amino acid peptide. FRETS-VWF73 TFA is a fluorescent substrate for ADAMTS13 detection (Ex=340 nm; Em=450 nm) [1].

References:

[1]. Koichi Kokame, et al. FRETS-VWF73, a first fluorogenic substrate for ADAMTS13 assay. Br J Haematol. 2005 Apr;129(1):93-100.

Caution: Product has not been fully validated for medical applications. For research use only.

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