



PRODUCT DATA SHEET

Product: Beta-Secretase Substrate-1

Cat. No.: AC-059 (1 mg)

Sequence:

Arg-Glu(EDANS)-Glu-Val-Asn-Leu-Asp-Ala-Glu-
Phe-Lys(DabcyI)-Arg-OH•TFA
RE(EDANS)EVNLDAEFK(DabcyI)R•TFA

Formula:

$C_{91}H_{129}N_{25}O_{25}S$

Molecular Weight:

2004 (not including TFA salt)

Form:

Red Solid

Principle:

When the substrate is cleaved, the DabcyI no longer quenches the EDANS fluorophore. EDANS has an excitation of 350 nm and an emission of 490 nm.

Solubility:

Soluble in high purity DMSO (>99.9%)

Purity:

95 ± 1% by HPLC.

Storage:

Stable for >1 year when kept frozen at -20 °C in the dark.

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.