

Abz-Val-Ala-Asp-Nva-Arg-Asp-Arg-Gln-EDDnp Substrate

Abz-Val-Ala-Asp-Nva-Arg-Asp-Arg-Gln-EDDnp

CATALOG #
AAA60624

PRODUCT SYNONYMS

Abz-Val-Ala-Asp-Nva-Arg-Asp-Arg-Gln-EDDnp; [Abz-VADnVRDRQ-EDDnp]; nV = Nva

(Trifluoroacetate Form)

Fluoresc; ence-Quenching Substrate for Human Neutrophil Proteinase 3; Abz-Val-Ala-Asp-Nva-Arg-Asp-Arg-Gln-EDDnp substrate

PRODUCT SPECIFICATIONS

Note	This vial contains exactly 1.1 mg (0.86 umol) of the titled compound, which has been lyophilized as an amorphous powder from aqueous solution.
Solution	Carefully open the cap. Pour 172 uL of 30 % DMF* into the vial. Close the cap tightly Shake well until all the contents are dissolved. This procedure furnishes a 5 mM solution of the titled compound. *DMF: N, N-dimethylformamide
Structure	2-Aminobenzoyl-L-valyl-L-alanyl-L-aspartyl-L-norvalyl-L-arginyl-L-aspartyl-L-arginyl-L-glutamine 2-(2,4-dinitrophenyl)aminoethyl-amide
Preparation and Storage	Solution: the DMF solution is stable at -20 degree C for more than one month if it is protected from moisture and kept in the dark. Powder: The undissolved peptide should be stored at -20 degree C in the dark.

ADDITIONAL INFORMATION

Related Product Information for Abz-Val-Ala-Asp-Nva-Arg-Asp-Arg-Gln-EDDnp substrate	[Abz-APEEIMRRQ-EDDnp] (Trifluoroacetate Form) 2-Aminobenzoyl-L-alanyl-L-prolyl-L-glutamyl-L-glutamyl-L-isoleucyl-L-methionyl-L-arginyl-L-arginyl-L-glutamine 2-(2,4-dinitrophenyl)aminoethylamide (M.W. 1456.59) C61H93N21O19S Fluorescence-Quenching Substrate for Human Neutrophil Elastase B. Korkmaz, S. Attucci, T. Moreau, E. Godat, L. Juliano, and F. Gauthier, Am. J. Respir. Cell Mol. Biol., 30, 801 (2004). B. Korkmaz, S. Attucci, M.A. Juliano, T. Kalupov, M.-L. Jourdan, L. Juliano, and F. Gauthier, Nat. Protoc., 3, 991 (2008).
Product Categories/Family for Abz-Val-Ala-Asp-Nva-Arg-Asp-Arg-Gln-EDDnp substrate	Enzyme Substrate

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/substrate/abz-val-ala-asg-nva-arg-asg-arg-gln-eddnp/60624>