

Bz-L-Arg-pNA; HCl Substrate

Bz-L-Arg-pNA; HCl

CATALOG #
AAA60630

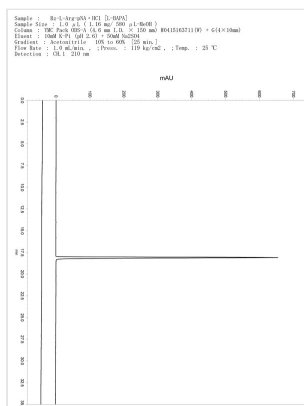
PRODUCT SYNONYMS

Bz-L-Arg-pNA; HCl; HCl substrate

PRODUCT SPECIFICATIONS

Cas Number	21653-40-7
Compound	Bz-Arg-pNA * HCl [L-BAPA]
Appearance	Pale yellow crystalline powder
Melting Point	225 ~ 227 degree C
Specific Optical Rotation	$[\alpha]_D^{20} +46.2$ degree (c 1.01, DMF)
Elemental Analysis	Calcd. for C ₁₉ H ₂₂ N ₆ O ₄ x HCl C, 52.48 ; H, 5.33 ; N, 19.33 % Found: C,52.39; H,5.20; N,19.18%
Thin Layer Chromatography	Single spot Layer : Silica Gel 60(Merck) Application : 100?g Solvent System : n-BuOH:AcOH: H ₂ O = 4:1:5 (Upper Phase) CHCl ₃ : MeOH:AcOH=85:15:5 Located by iodine and HBr/ninhydrin reagent
Preparation and Storage	Store at 2~10 degree C

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for Bz-L-Arg-pNA; HCl substrate	[L-BAPA] Benzoyl-L-Arginine p-Nitroanilide Monohydrochloride (M.W. 398.42; 36.46) C19H22N6O4; HCl [21653-40-7] Substrate for Trypsin-like Proteases and Papain K.A. Walsh, In, Proteolytic Enzymes, Methods in Enzymology, Vol. 19, (G.E. Perlmann and L. Lorand, Eds.), Academic Press, New York, 1970, pp. 41-63. R. Arnon, In, Proteolytic Enzymes, Methods in Enzymology, Vol. 19, (G.E. Perlmann and L. Lorand, Eds.), Academic Press, New York, 1970, pp. 226-244. G.A. Grant, A.Z. Eisen, and R.A. Bradshaw, In, Proteolytic Enzymes Part C, Methods in Enzymology, Vol. 80, (L. Lorand, ed.), Academic Press, New York, 1981, pp. 722-734. Grade AA
Product Categories/Family for Bz-L-Arg-pNA; HCl 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.

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Online datasheet: <https://stage.aaabiotech.com/substrate/bz-l-arg-pna-hcl/60630>