

CERTIFICATE OF ANALYSIS

PRODUCT:	Caspase-3 Substrate (Colorimetric) [Z-DEVD-pNA; Caspase-3 Substrate (Chromogenic)]Z-Asp-Glu-Val-Asp-pNA (pNA = p-Nitroaniline), C ₃₂ H ₃₈ N ₆ O ₁₄ , M.W. 730.7
PRODUCT NUMBER:	C-1131
LOT NUMBER:	A5793
APPEARANCE:	White lyophilized powder
SOLUBILITY:	Soluble in DMSO or acetonitrile
PEPTIDE CONTENT:	70 – 90%
PURITY (HPLC):	≥ 99%
PEPTIDE CONTENT:	82%
PRODUCT INFORMATION:	Chromogenic substrate for caspase-3 with increased cell permeability. Also substrate for caspase-1, -4 and -7. λ_{max} of pNA is 400nm. Similar to Ac-DEVD-pNA except the N-terminus is blocked by a benzyloxycarbonyl (Z) moiety which may increase cell permeability.
STORAGE & HANDLING:	Store desiccated at -20°C.

CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: **KT**