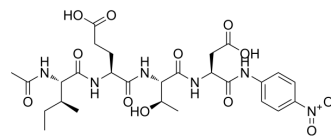


Ac-Ile-Glu-Thr-Asp-pNA

Cat. No.:	HY-120833
CAS No.:	219138-21-3
Molecular Formula:	C ₂₇ H ₃₈ N ₆ O ₁₂
Molecular Weight:	638.62
Sequence Shortening:	Ac-IETD-pNA
Target:	Caspase
Pathway:	Apoptosis
Storage:	Sealed storage, away from moisture
	Powder -80°C 2 years
	-20°C 1 year

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description

Ac-Ile-Glu-Thr-Asp-pNA is a substrate for caspase-8. Caspase-8 binds to and cleaves the Ile-Glu-Thr-Asp (IETD) peptide sequence to release p-nitroaldehyde, which can be quantified by colorimetric detection at 405 nm as a measure of enzyme activity^[1].

REFERENCES

[1]. Smith GK, et al. Expression, preparation, and high-throughput screening of caspase-8: discovery of redox-based and steroid diacid inhibition. Arch Biochem Biophys. 2002;399(2):195-205.

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

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