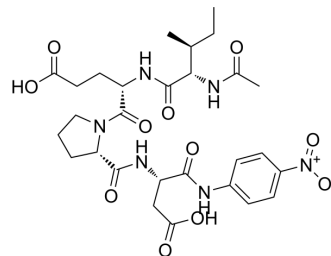


N-Acetyl-Ile-Glu-Pro-Asp-p-nitroanilide

Cat. No.:	HY-P3236
CAS No.:	216757-29-8
Molecular Formula:	C ₂₈ H ₃₈ N ₆ O ₁₁
Molecular Weight:	634.63
Sequence:	Ac-Ile-Glu-Pro-Asp-{pNA}
Sequence Shortening:	Ac-IEPD-{pNA}
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture and light
	Powder -80°C 2 years
	-20°C 1 year



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

SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (157.57 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.5757 mL	7.8786 mL	15.7572 mL
5 mM	0.3151 mL	1.5757 mL	3.1514 mL
10 mM	0.1576 mL	0.7879 mL	1.5757 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

N-Acetyl-Ile-Glu-Pro-Asp-p-nitroanilide (Ac-IEPD-pNA) is a granzyme B substrate that allows accurate measurement of granzyme B activity^[1].

REFERENCES

[1]. Kristina Fritsch, et al. Suppression of granzyme B activity and caspase-3 activation in leukaemia cells constitutively expressing the protease inhibitor 9. *Ann Hematol.* 2013 Dec;92(12):1603-9.

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

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