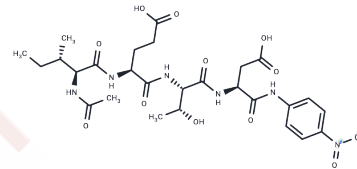


Ac-Ile-Glu-Thr-Asp-pNA

Chemical Properties

CAS No. :	219138-21-3
Formula:	C ₂₇ H ₃₈ N ₆ O ₁₂
Molecular Weight:	638.62
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Ac-Ile-Glu-Thr-Asp-pNA is a caspase-8 substrate that undergoes enzymatic binding and cleavage specifically at the Ile-Glu-Thr-Asp (IETD) peptide sequence, resulting in the release of p-nitroaldehyde, which can be quantitatively measured using colorimetric detection at 405 nm as an indicator of caspase-8 enzyme activity.
Targets(IC50)	Caspase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5659 mL	7.8294 mL	15.6588 mL
5 mM	0.3132 mL	1.5659 mL	3.1318 mL
10 mM	0.1566 mL	0.7829 mL	1.5659 mL
50 mM	0.0313 mL	0.1566 mL	0.3132 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481