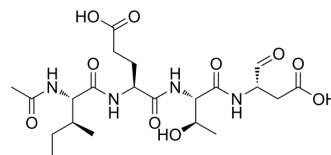


## Ac-IETD-CHO

Cat. No.:	HY-113963
CAS No.:	191338-86-0
Molecular Formula:	C <sub>21</sub> H <sub>34</sub> N <sub>4</sub> O <sub>10</sub>
Molecular Weight:	502.52
Sequence:	Ac-Ile-Glu-Thr-Asp-CHO
Sequence Shortening:	Ac-IETD-CHO
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

Ac-IETD-CHO is a potent, reversible inhibitor of granzyme B and caspase-8. Ac-IETD-CHO inhibits Fas-mediated apoptotic cell death, hemorrhage, and liver failure. Ac-IETD-CHO also inhibits cytotoxic T lymphocytes induced cell death [1][2].

## REFERENCES

- [1]. Bajt ML, et al. Protection against Fas receptor-mediated apoptosis in hepatocytes and nonparenchymal cells by a caspase-8 inhibitor in vivo: evidence for a postmitochondrial processing of caspase-8. *Toxicol Sci.* 2000 Nov;58(1):109-17.
- [2]. Hayashida M, et al. Cell death induction by CTL: perforin/granzyme B system dominantly acts for cell death induction in human hepatocellular carcinoma cells. *Proc Soc Exp Biol Med.* 2000 Nov;225(2):143-50.

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

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