

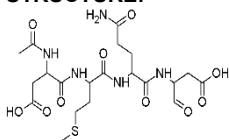
## PRODUCT: Caspase-3 Inhibitor, Ac-DMQD-CHO

**ALTERNATE NAMES:** Ac-Asp-Met-Gln-Asp-CHO; caspase-3 inhibitor

**CATALOG NUMBER:** B2161-1,5

**AMOUNT:** 1 mg, 5 mg

### STRUCTURE:



**MOLECULAR FORMULA:** C<sub>20</sub>H<sub>31</sub>N<sub>5</sub>O<sub>10</sub>S

**MOLECULAR WEIGHT:** 533.6

**CAS NUMBER:** 259199-63-8

**APPEARANCE:** Lyophilized solid

**SOLUBILITY:** DMSO (~40 mg/ml)

**PURITY:** ≥96% by HPLC

**STORAGE:** Store at -20 °C. Protect from air and light

**DESCRIPTION:** Ac-DMQD-CHO is a reversible, aldehyde inhibitor of caspase-3 and related cysteine proteases. Displays high selectivity for caspase-3 over -1, -4, -6, and -7.

**REFERENCE:** Hirata, H., *et al.* (1998). *J. Exp. Med.* **187**, 587-600.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

### RELATED PRODUCTS:

Ac-DEVD-CHO (**B1951**)

Caspase-3 Inhibitor, Z-DEVD-FMK (**1009**)

Caspase-3 substrate, DEVD-pNA (**1008**)

Z-DEVD-FMK (1143)

Q-VD-OPh (**Cat. No. 1170-1, 5**)

EZSolution™ Q-VD-OPh (**Cat. No. 1173-1**)

Q-VD-OPh, Negative Control (**Cat. No. 1171-1, 5**)

EZSolution™ Q-VD-OPh, Negative Control (**Cat. No. 1174-1**)

EZSolution™ Q-DEVD-OPh (**Cat. No. 1178-1**)

Z-VAD(OMe)-FMK (**Cat. No. 1140-1,5**)

Boc-D(OMe)-FMK (**Cat. No. 1160-1, 5**)

Q-DE(OMe)VD(OMe)-OPh (**Cat. No. 1175-1,3,5**)

Q-IE(OMe)TD(OMe)-OPh (**Cat. No. 1176-1,3,5**)

Q-LE(OMe)HD(OMe)-OPh (**Cat. No. 1177-1, 3,5**)

**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**