

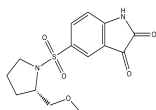
Product: Caspase-3/7 Inhibitor

ALTERNATE NAME: 5-[(2S)-2-(methoxymethyl)pyrrolidin-1-yl]sulfonyl-1H-indole-2,3-dione

CATALOG #: 2780-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₄H₁₆N₂O₅S

MOLECULAR WEIGHT: 324.4

CAS NUMBER: 220509-74-0

APPEARANCE: Yellow solid

SOLUBILITY: DMSO (~200 mg/ml)

PURITY: ≥97% by HPLC

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

DESCRIPTION: Caspase-3/7 inhibitor is a potent, cell-permeable, specific, and reversible inhibitor of caspase-3 (K_i = 60 nM) and caspase-7 (K_i = 170 nM). It acts as a weaker inhibitor of caspase-9 (K_i = 3.1 μM).

REFERENCES: Lee, D., et al. (2000). *J. Biol. Chem.* **275**, 16007-16014.

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

RELATED PRODUCTS:

Q-DEVD-OPh (Cat. No. 1175-1,3,5)

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

Caspase-3 inhibitor, Z-DEVD-FMK (Cat. No. 1009-100, 20C)

Z-DEVD-FMK (Cat. No. 1143-1, 5)

Biotin-DEVD-FMK (Cat. No. 1124-20C)

Caspase-3, human recombinant (Cat. No. 1083-5, 10, 25, 100)

Caspase-3, mouse recombinant (Cat. No. 1083-25, 100)

Caspase-3, rat recombinant (Cat. No. 1283-25, 100)

Caspase-7 Inhibitor Drug screening Kit (Fluorometric) (Cat. No. K157-100)