

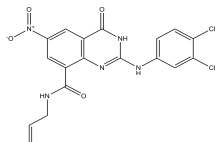
Product: AZ10417808

ALTERNATE NAME: 2-(3,4-dichloroanilino)-6-nitro-4-oxo-N-prop-2-enyl-1H-quinazoline-8-carboxamide

CATALOG #: 2786-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₈H₁₃Cl₂N₅O₄

MOLECULAR WEIGHT: 434.23

CAS NUMBER: 331645-84-2

APPEARANCE: Yellow solid

SOLUBILITY: DMSO (~10 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: AZ10417808 is a selective non-peptide inhibitor of caspase-3 ($K_i = 247$ nM); displays > 40-fold selectivity over caspases 1, 2, 6, 7 and 8 ($K_i > 10$ μM). Completely blocks staurosporine-induced intracellular DEVDase activity in SH-SY5Y cells ($IC_{50} = 14.9$ μM).

REFERENCES: Scott, C.W., *et al.* (2003). *J. Pharmacol. Exp. Ther.* **304**, 433-440.

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

RELATED PRODUCTS:

Apoptosis inhibitor (Cat. No. 2783-5, 25)

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)

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)

FOR RESEARCH USE ONLY! Not to be used on humans.