



1508
938 South Andreasen Drive, Suite E
Escondido, CA 92029 USA

Phone: +1-760-738-

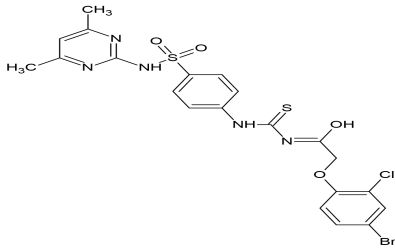
Fax: +1-760-738-1530
info@auroramedbiochem.com
www.auroramedbiochem.com

CDC42 Inhibitor III, ZCL278

ALTERNATE NAME: 2-(4-bromo-2-chlorophenoxy)-N-[[4-[(4,6-dimethylpyrimidin-2-yl)sulfamoyl]phenyl]carbamothioyl]acetamide; ZCL278

CATALOG #: AUR10255

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₁₉BrClN₅O₄S₂

MOLECULAR WEIGHT: 584.89

CAS#: 587841-73-4

APPEARANCE: Light beige solid

SOLUBILITY: DMSO (50 mg/ml)

PURITY: ≥94% by HPLC

STORAGE: Store at +2°C to +8°C; Protect from air and light

DESCRIPTION: A potent, non-cytotoxic, pyrimidinylthiourea that targets Cdc42 GEF ITSN/intersectin and adjacent GTP/GDP binding site and effectively inhibits EGF-stimulated Cdc42 activity (1 h pretreatment; 50 μM) and Cdc42-dependent microspike/filopodia formation in serum-starved Swiss 3T3 fibroblast cultures without affecting RhoA- or Rac1-dependent functions.

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