



LKT Laboratories, Inc.

ZCL-278

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Product Information

Product ID Z0944

CAS No. 587841-73-4

Chemical Name 2-(4-bromo-2-chlorophenoxy)-N-[[4-[(4,6-dimethylpyrimidin-2-yl)sulfamoyl]phenyl]carbamothioyl]acetamide

Synonym ZCL278

Formula C₂₁H₁₉BrClN₅O₄S₂

Formula Wt. 584.89

Melting Point

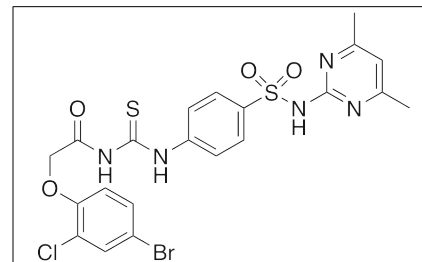
Purity ≥98%

Solubility DMSO 100 mg/mL (170.97 mM)
Water Insoluble
Ethanol Insoluble

Store Temp -20°C

Ship Temp Ambient

Description ZCL-278 is an inhibitor of Cdc42 that exhibits anticancer activity. ZCL-278 inhibits microspike formation and disrupts GM130-docked Golgi structures. Additionally, this compound shows some anti-metastatic potential, inhibiting branching and actin-based motility and migration of prostate cancer cells in vitro.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
Z0944	1 mg	\$75.00
Z0944	5 mg	\$98.00
Z0944	10 mg	\$150.00
Z0944	25 mg	\$325.00

References Friesland A, Zhao Y, Chen YH, et al. Small molecule targeting Cdc42-intersectin interaction disrupts Golgi organization and suppresses cell motility. Proc Natl Acad Sci U S A. 2013 Jan 22;110(4):1261-6. PMID: 23284167.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.