



LKT Laboratories, Inc.

ZCL-278

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Product Information

Product ID Z0944

CAS No. 587841-73-4

Chemical Name

Synonym ZCL278

Formula $C_{21}H_{19}BrClN_5O_4S_2$

Formula Wt. 584.89

Melting Point

Purity $\geq 98\%$

Solubility DMSO 100 mg/mL (170.97 mM)

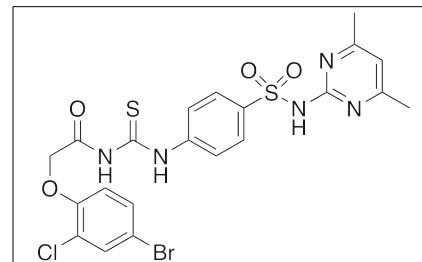
Water Insoluble

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.



Bulk quantities available upon request

Product ID	Size
Z0944	1 mg
Z0944	5 mg
Z0944	10 mg
Z0944	25 mg

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.