

Product Data Sheet

Product Name: LW 479
Cat. No.: GB40266

Chemical Properties

Cas. No. 1688677-89-5

Formula $C_{21}H_{23}BrN_2O_4S$ M.Wt 479.39

Solubility Storage

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

HDAC inhibitor that shows marked cytotoxicity and induces apoptosis as well as cell cycle arrest in a panel of breast cancer cell lines. LW479 silences EGFR expression in breast cancer cells through disrupting Sp1 and HDAC1 binding to EGFR promoter, and blocks EGF/EGFR signalling pathway and EGF-stimulated motility. Moreover, LW-479 attenuates breast cancer metastasis to the lung.

Caution: Product has not been fully validated for medical applications. For research use only.

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