
Product Data Sheet

Product Name: ErSO
Cat. No.: GC62443

Chemical Properties

Cas. No. 2407860-35-7

Formula $C_{22}H_{13}F_6NO_3$ M.Wt 453.33

Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

ErSO activates the anticipatory unfolded protein response (a-UPR) with an IC_{50} of 20.3 nM in MCF-7 cells. ErSO induces rapid and selective necrosis of ER α -positive breast cancer cell lines in vitro.

[1] Matthew W Boudreau, et al. Sci Transl Med . 2021 Jul 21;13(603):eabf1383.

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

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