
Product Data Sheet

Product Name: ErSO-DFP

Cat. No.: GC65425

Chemical Properties

Cas. No. 2768139-76-8

Formula C₂₀H₁₇F₅N₂O₂

M.Wt

412.35

Solubility

Storage

Store at -20°C

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**

ErSO-DFP is an anticipatory unfolded protein response (a-UPR) activator. ErSO-DFP has enhanced selectivity for estrogen receptor alpha-positive (ER α +) cancer cells with a wider selectivity window than ErSO. ErSO-DFP displays antitumor activity and leads to profound regression of MCF-7 tumors in mice model[1].

[1]. Matthew W Boudreau, et al. Activators of the Anticipatory Unfolded Protein Response with Enhanced Selectivity for Estrogen Receptor Positive Breast Cancer. J Med Chem. 2022 Mar 10;65(5):3894-3912.

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

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