

Product Data Sheet

Product Name: SEW84
Cat. No.: GC71198

Chemical Properties

Cas. No. 259089-67-3

Formula $C_{19}H_{14}F_4N_4OS$

M.Wt 422.4

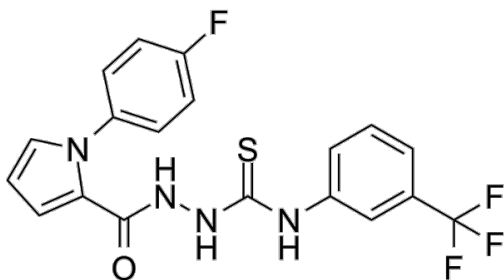
Solubility

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 sizes: ship with RT, or blue ice upon request.

Structure



Background

SEW84 is an inhibitor of the Aha1-stimulated Hsp90 (ASH) ATPase activity. SEW84 inhibits ASH activity with an IC₅₀ value of 0.3 μM. SEW84 can be used for the research of proteostatic disease.

SEW84 (5 μM) shows complete inhibition of ASH activity with an IC₅₀ value of 0.3 μM^[1].

SEW84 inhibited the GR- and AR-dependent luciferase expression with IC₅₀ values of 1.3 and 0.7 μM, respectively^[1].

SEW84 (0-20 μM) inhibits the Hsp90-Dependent folding of firefly luciferase^[1].

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

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SEW84 (0, 3, 10, 30 μ M; 24 h) specifically clears phosphorylated tau [1].

References:

[1]. Jay K Singh, et al. Management of Hsp90-Dependent Protein Folding by Small Molecules Targeting the Aha1 Co-Chaperone. Cell Chem Biol. 2020 Mar 19;27(3):292-305.e6.

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