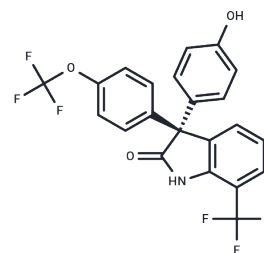


(S)-ErSO

Chemical Properties

CAS No. :	2407860-34-6
Formula:	C ₂₂ H ₁₃ F ₆ NO ₃
Molecular Weight:	453.33
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	(S)-ErSO is an inactive dextrorotatory enantiomer of ErSO.
Targets(IC50)	Estrogen Receptor/ERR,Others
In vitro	(S)-ErSO is inactive in MCF-7 cells while (R)-ErSO induces dose-dependent death[1].

Solubility Information

Solubility	DMSO: 180 mg/mL (397.06 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2059 mL	11.0295 mL	22.059 mL
5 mM	0.4412 mL	2.2059 mL	4.4118 mL
10 mM	0.2206 mL	1.1029 mL	2.2059 mL
50 mM	0.0441 mL	0.2206 mL	0.4412 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

David J. Shapiro, et al. Activators of the unfolded protein response. WO2020009958A1.

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