

PROTAC ERR α ligand 2

Chemical Properties

CAS No. : 2306388-57-6

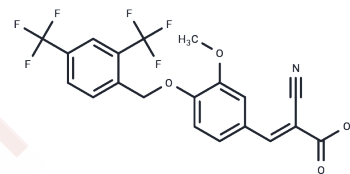
Formula: C₂₀H₁₃F₆N₂O₄

Molecular Weight: 445.31

Keep away from direct sunlight

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	PROTAC ERR α ligand 2 is an inverse agonist for the estrogen-related receptor α (ERR α) with an IC ₅₀ of 5.67 nM.
Targets(IC ₅₀)	Estrogen Receptor/ERR,Estrogen/progestogen Receptor

Solubility Information

Solubility	DMSO: 10 mM,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (4.49 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2456 mL	11.2281 mL	22.4563 mL
5 mM	0.4491 mL	2.2456 mL	4.4913 mL
10 mM	0.2246 mL	1.1228 mL	2.2456 mL
50 mM	0.0449 mL	0.2246 mL	0.4491 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

Peng L , Zhang Z , Lei C , et al. Identification of New Small-Molecule Inducers of Estrogen-Related Receptor alpha (ERRa) Degradation[J]. ACS Medicinal Chemistry Letters, 2019, 10(5).

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