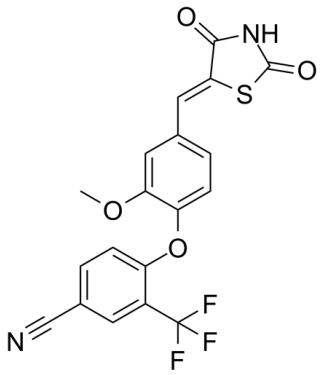
Data Sheet

Product Name:	PROTAC ERRα ligand 1
Cat. No.:	CS-0035352
CAS No.:	1264754-13-3
Molecular Formula:	$C_{19}H_{11}F_3N_2O_4S$
Molecular Weight:	420.36
Target:	Estrogen Receptor/ERR
Pathway:	Others
Solubility:	DMSO : 100 mg/mL (237.89 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

PROTAC ERRα ligand 1 is an **estrogen-related receptor α** (**ERRα**) antagonist with **IC_{50}**s of 0.04 and 2.8 μM for ERRα and ERRγ, respectively[1]. IC50 & Target: Ligand for E3 Ligase[1]

References:

[1]. Patch RJ, et al. Identification of diaryl ether-based ligands for estrogen-related receptor α as potential antidiabetic agents. J Med Chem. 2011 Feb 10;54(3):788-808.

CAIndexNames:

Benzonitrile, 4-[4-[(Z)-(2,4-dioxo-5-thiazolidinylidene)methyl]-2-methoxyphenoxy]-3-(trifluoromethyl)-

SMILES:

N#CC1=CC=C(OC2=CC=C(/C=C(SC(N3)=O)/C3=O)C=C2OC)C(C(F)(F)F)=C1

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