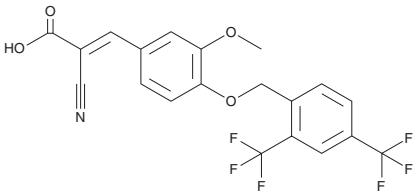
PRODUCT INFORMATION

PROTAC ERRα Ligand 2

Item No. 45993

CAS Registry No.: 2306388-57-6
Formal Name: 3-[4-[[2E,4-*bis*(trifluoromethyl)phenyl]methoxy]-3-methoxyphenyl]-2-cyano-2-propenoic acid
Synonyms: PROTAC Estrogen-related Receptor α Ligand 2, Proteolysis-targeting Chimera ERRα Ligand 2, Proteolysis-targeting Chimera Estrogen-related Receptor α Ligand 2
MF: $C_{20}H_{13}F_6NO_4$
FW: 445.3
Purity: ≥95%
Supplied as: A solid
Storage: -20°C
Stability: ≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

PROTAC ERRα ligand 2 is supplied as a solid. A stock solution may be made by dissolving the PROTAC ERRα ligand 2 in the solvent of choice, which should be purged with an inert gas. PROTAC ERRα ligand 2 is slightly soluble (0.1-1 mg/ml) in DMSO.

Description

PROTAC ERRα ligand 2 is an inhibitor of the protein-protein interaction between estrogen-related receptor α (ERRα) and peroxisome proliferator-activated receptor-γ coactivator-1α (PGC-1α; IC_{50} = 5.67 nM).[1] It has been used in the synthesis of proteolysis-targeting chimeras (PROTACs) for the degradation of ERRα.

Reference

1. Peng, L., Zhang, Z., Lei, C., *et al*. Identification of new small-molecule inducers of estrogen-related receptor α (ERRα) degradation. *ACS Med. Chem. Lett.* **10(5)**, 767-772 (2019).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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CAYMAN CHEMICAL
1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA
PHONE: [800] 364-9897
[734] 971-3335
FAX: [734] 971-3640
CUSTSERV@CAYMANCHEM.COM
WWW.**CAYMANCHEM**.COM