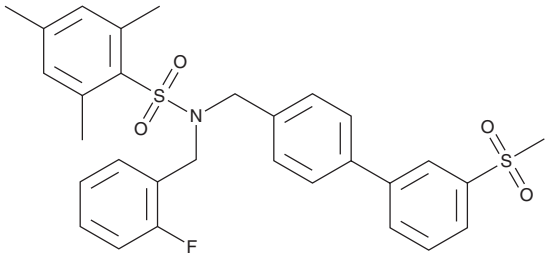
PRODUCT INFORMATION

BE1218

Item No. 46417

CAS Registry No.: 2893967-40-1
Formal Name: N-[(2-fluorophenyl)methyl]-2,4,6-trimethyl-N-[[3′-(methylsulfonyl)[1,1′-biphenyl]-4-yl]methyl]-benzenesulfonamide
MF: $C_{30}H_{30}FNO_4S_2$
FW: 551.7
Purity: ≥98%
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

BE1218 is supplied as a solid. A stock solution may be made by dissolving the BE1218 in the solvent of choice, which should be purged with an inert gas. BE1218 is sparingly soluble (1-10 mg/ml) in DMSO.

Description

BE1218 is an inverse agonist of liver X receptor α (LXRα) and LXRβ (IC_{50}s = 9 and 7 nM, respectively).[1] It reduces the expression of the LXR target *FASN*, the gene encoding fatty acid synthase, in HepG2 hepatocytes and DU145 prostate cancer cells at 1 µM.

Reference

1. Elgendy, B., Griffett, K., Hegazy, L., *et al.* Synthesis and structure activity relationship of the first class of LXR inverse agonists. *Bioorg. Chem.* **119:105540**, (2022).

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.

Copyright Cayman Chemical Company, 09/14/2026

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