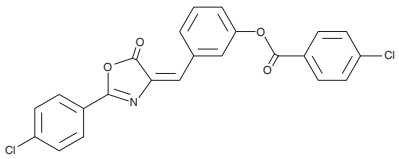
PRODUCT INFORMATION

ZINC FSP1 Inhibitor

Item No. 46805

CAS Registry No.: 432000-58-3
Formal Name: 4-chloro-benzoic acid, 3-[[2-(4-chlorophenyl)-5-oxo-4(5H)-oxazolylidene]methyl]phenyl ester
Synonyms: ZINC22276027, ZINC00022276027, ZINC Ferroptosis Suppressor Protein 1 Inhibitor
MF: $C_{23}H_{13}Cl_2NO_4$
FW: 438.3
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

ZINC FSP1 inhibitor is supplied as a solid. A stock solution may be made by dissolving the ZINC FSP1 inhibitor in the solvent of choice, which should be purged with an inert gas. ZINC FSP1 inhibitor is sparingly soluble (1-10 mg/ml) in DMSO.

Description

ZINC FSP1 inhibitor is predicted to bind to ferroptosis suppressor protein 1 (FSP1) based on an integrated computational workflow.[1]

References

1. Aboagye, D., Sackitey, S., Bandoh, C.O., *et al.* Computational prioritization of FSP1 inhibitor candidates targeting the ferroptosis-associated protein interactome. *Silico Res. Biomed.* **2**, 100584 (2026).

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.

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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