

Erastin Biochemical

Erastin

CATALOG #
AAA201930

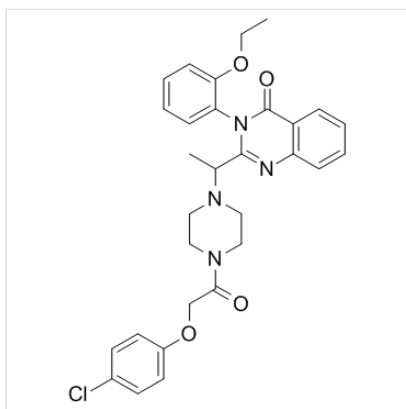
PRODUCT SYNONYMS

Erastin; Erastin biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	>98% (HPLC)
Solubility	DMSO: 19mg/mL (34.73mM)
Target	Ferroptosis
Receptor	Ferroptosis
Pathway	Apoptosis
Chemical Name	2-(1-(4-(2-(4-chlorophenoxy)acetyl)piperazin-1-yl)ethyl)-3-(2-ethoxyphenyl)quinazolin-4(3H)-one
SMILES	<chem>O=C1N(C2=CC=CC=C2OCC)C(C(N3CCN(C(COC4=CC=C(Cl)C=C4)=O)CC3)C)=NC5=C1C=CC=C5</chem>
Molecular Formula	C30H31ClN4O4
CAS Number	571203-78-6
Preparation and Storage	Store at -20°C

IMAGES



Structure

ADDITIONAL INFORMATION

Related Product Information for Erastin biochemical	Erastin is a ferroptosis activator by acting on mitochondrial VDAC, exhibiting selectivity for tumor cells bearing oncogenic RAS.
Product Categories/Family for Erastin biochemical	Apoptosis ; Cancer
References	1.Dolma S, et al. Y Cell. 2003, 3 (3), 285-296.

NCBI AND UNIPROT INFORMATION

Molecular Weight	547.04
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/erastin/201930>