

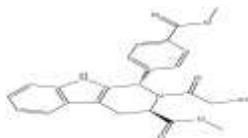
PRODUCT: RSL3

ALTERNATE NAME: (1S,3R)-2-(2-chloroacetyl)-2,3,4,9-tetrahydro-1-[4-(methoxycarbonyl)phenyl]-1H-pyrido[3,4-b]indole-3-carboxylic acid, methyl ester

CATALOG #: B2303-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₃H₂₁ClN₂O₅

MOLECULAR WEIGHT: 440.88

CAS NUMBER: 1219810-16-8

APPEARANCE: Yellow solid

SOLUBILITY: DMSO (>35 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C. Protect from air and light

DESCRIPTION: RSL3 is a glutathione peroxidase 4 (GPX4) inhibitor and an inducer of ferroptosis. RSL3 increases lipid peroxidase levels *in vitro* and inhibits tumor formation and progression *in vivo*.

REFERENCES: Yang, W.S., *et al.* (2016). *Proc. Natl. Acad. Sci. USA* **113**, E4966-4975.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Erastin (**2231**)

EZSolution™ Erastin (**B1502**)

Ferrostatin-1 (**2230**)

Glutathione Peroxidase Colorimetric Assay Kit (**K762**)

RSL3 (**B2303**)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**