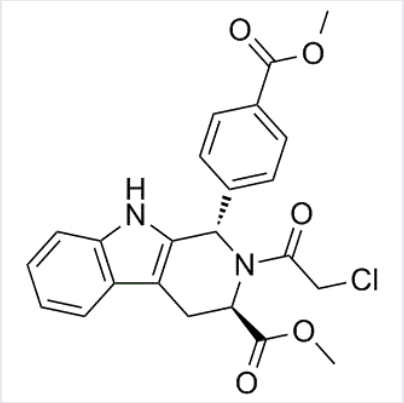
RSL3 Inhibitor

PRODUCT OVERVIEW

Product Name	RSL3, Inhibitor
Full Product Name	RSL3
Product Gene Name	RSL3, inhibitor
Product Synonym Names	1S; 3R-RSL3
Purity/Purification	>98%
Preparation and Storage	Store at -20 degree C for 3 years (powder form); at -20 degree C for 6 months (Solution base)
Molecular Weight	440.88
Solubility	DMSO
Formula	C23H21ClN2O5
SMILES	COC (C1=CC=C ([C@@]2 ([H])C3=C (C4=CC=CC=C4N3)C[C@] (N2C (CCl)=O) ([H])C (OC)=O)C=C1)=O
CAS Number	1219810-16-8
Product Categories/Family for RSL3, inhibitor	Ferroptosis inhibitor
Related Product Information for RSL3, inhibitor	RSL3 is a ferroptosis activator in a VDAC-independent manner, exhibiting selectivity for tumor cells bearing oncogenic RAS.
Product References and Citations for RSL3, inhibitor	Sampilvanjil A,.et al. Cigarette smoke extract induces ferroptosis in vascular smooth muscle cells, Am J Physiol Heart Circ Physiol, 2020, Mar 1;318 (3):H508-H518 PMID: 31975626 Fujiki K,.et al. Blockade of ALK4/5 signaling suppresses cadmium- and erastin-induced cell death in renal proximal tubular epithelial cells via distinct signaling mechanisms, Cell Death Differ, 2019, Feb 25 PMID: 30804470 Samantha W. Alvarez,.et al. NFS1 undergoes positive selection in lung tumours and protects cells from ferroptosis, Nature, 2017, Nov 30; 551 (7682): 639-643 PMID: 29168506
Other Notes	Small volumes of RSL3, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for RSL3 purchase	MBS3841226 is an inhibitor targeting RSL3.



Chemical Structure of RSL3, inhibitor

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/inhibitor/rsl3/3841226