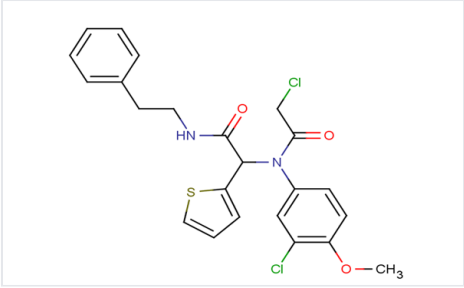
ML162 Inhibitor

PRODUCT OVERVIEW

Product Name	ML162, Inhibitor
Full Product Name	ML162
Product Gene Name	ML162, inhibitor
Form/Format	Solid
Purity/Purification	0.9842
Preparation and Storage	Store at 0-4 degree C for short term (days to weeks), or -20 degree C for long term (months).
Molecular Weight	477.4
Solubility	DMSO: 10mM (<1mg/ml refers to the product slightly soluble or insoluble)
SMILES	COC1=C(C=C(C=C1)N(C(C2=CC=CS2)C(=O)NCCC3=CC=CC=C3)C(=O)CCl)Cl
Formula	C23H22Cl2N2O3S
CAS Number	1035072-16-2
Product Categories/Family for ML162, inhibitor	Oxidation-reduction; GPX
Related Product Information for ML162, inhibitor	ML162 is an inhibitor of GPX4 that is selectively lethal to mutant RAS oncogene-expressing cell lines (IC50s = 25 and 578 for HRASG12V-expressing and wild-type BJ fibroblasts, respectively)
Product References and Citations for ML162, inhibitor	WeiWer M, Bittker J A, Lewis T A, et al. Development of small-molecule probes that selectively kill cells induced to express mutant RAS[J]. Bioorganic & Medicinal Chemistry Letters, 2012, 22(4):1822-1826.
Other Notes	Small volumes of ML162, 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 ML162 purchase	MBS5765103 is an inhibitor targeting ML162.



Chemical Structure of ML162, 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/ml162/5765103