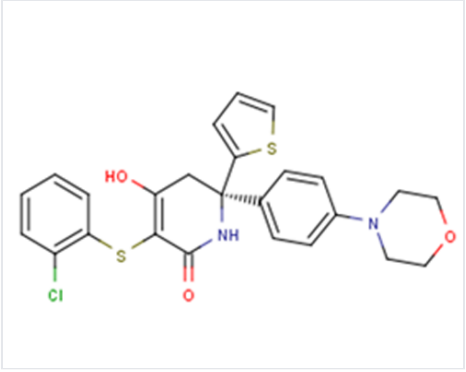
(R)-GNE-140 Inhibitor

PRODUCT OVERVIEW

Product Name	(R)-GNE-140, Inhibitor
Full Product Name	(R)-GNE-140
Product Synonym Names	Dehydrogenase
Form/Format	POWDER
Purity/Purification	95.5%
Preparation and Storage	Powder: 3 years -20 degree C In Solvent: 2 years -80 degree C
Molecular Weight	499.04
CAS Number	2003234-63-5
Formula	C25H23ClN2O3S2
Smiles	OC1=C(Sc2ccccc2Cl)C(=O)N[C@@](C1)(c1cccs1)c1ccc(cc1)N1CCOCC1
Solubility	DMSO: Soluble
Pathways	Metabolism
Receptor	LDH
Product Remark	For obtaining a higher solubility, please warm the tube at 37 degree C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 degree C for several month.
Related Product Information for (R)-GNE-140, inhibitor	(R)-GNE-140 is an effective LDHA/LDHB inhibitor (IC50s: 3/5 nM) and is 18-fold more potent than S enantiomer.
Product References and Citations for (R)-GNE-140, inhibitor	1. Purkey HE, et al. Cell Active Hydroxylactam Inhibitors of Human Lactate Dehydrogenase with Oral Bioavailability in Mice. ACS Med Chem Lett. 2016 Aug 26; 7(10):896-901.
Other Notes	Small volumes of (R)-GNE-140, 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 (R)-GNE-140 purchase	MBS5750439 is an inhibitor targeting (R)-GNE-140.



Chemical Structure of (R)-GNE-140, 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/r-gne-140/5750439