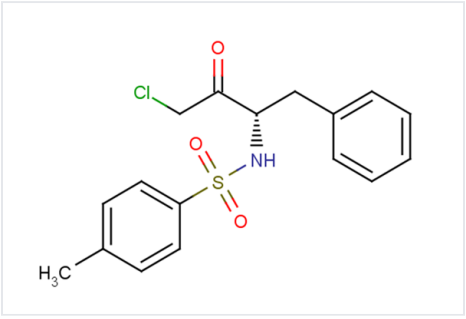
TPCK Inhibitor

PRODUCT OVERVIEW

Product Name	TPCK, Inhibitor
Full Product Name	TPCK
Product Gene Name	TPCK, inhibitor
Form/Format	Solid. Powder
Purity/Purification	96.77%
Preparation and Storage	Store at -20 degree C for 3 years powder -80 degree C for 2 years in solvent
Molecular Weight	351.84
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Formula	C17H18ClNO3S
SMILES	Cc1ccc(cc1)S(=O)(=O)N[C@@H](Cc1ccccc1)C(=O)CCl
CAS Number	402-71-1
Target & IC50	chymotrypsin-like proteases
Related Product Information for TPCK, inhibitor	TPCK is an irreversible inhibitor of chymotrypsin-like proteases that affect cell proliferation, apoptosis, and tumorigenesis
Product References and Citations for TPCK, inhibitor	Rana Anjum, Eunice Pae,et al. TPCK Inhibits AGC Kinases by Direct Activation Loop Adduction at Phenylalanine-Directed Cysteine Residues. FEBS Lett. 2012 Sep 21;586(19):3471-6. Rana Anjum, Eunice Pae,et al. TPCK Inhibits AGC Kinases by Direct Activation Loop Adduction at Phenylalanine-Directed Cysteine Residues. FEBS Lett. 2012 Sep 21;586(19):3471-6. Cocco E, et al. KAT3B-p300 and H3AcK18/H3AcK14 levels are prognostic markers for kidney ccRCC tumoraggressiveness and target of KAT inhibitor CPTH Clin Epigenetics. 2018 Apr 4;10:44. Cocco E, et al. KAT3B-p300 and H3AcK18/H3AcK14 levels are prognostic markers for kidney ccRCC tumoraggressiveness and target of KAT inhibitor CPTH2. Clin Epigenetics. 2018 Apr 4;10:44.
Other Notes	Small volumes of TPCK, 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 TPCK purchase	MBS5759155 is an inhibitor targeting TPCK.



Structure of TPCK, inhibitor

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TPCK. It may not necessarily be applicable to this product.

Protein Family	Probable decarboxylase
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Online datasheet: https://www.mybiosource.com/inhibitor/tpck/5759155