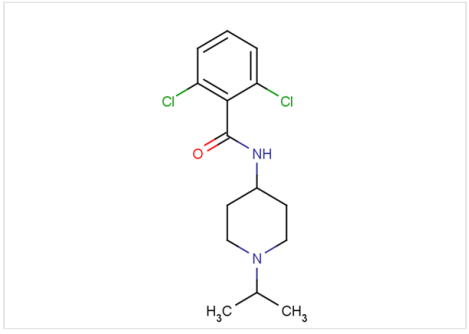
CBS1117 Inhibitor

PRODUCT OVERVIEW

Product Name	CBS1117, Inhibitor
Full Product Name	CBS1117
Product Gene Name	CBS1117, inhibitor
Form/Format	Solid
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	315.24
Solubility	DMSO: 10mM (<1mg/ml refers to the product slightly soluble or insoluble)
SMILES	O=C(NC1CCN(C(C)C)CC1)C2=C(Cl)C=CC=C2Cl
Formula	C15H20Cl2N2O
In vitro	CBS1117 which has a 50% inhibitory concentration of 70 and a selectivity index of ~4000 against A/Puerto Rico/8/34 (H1N1) infection in human lung epithelial cell line (A549).
CAS Number	959245-08-0
Product Categories/Family for CBS1117, inhibitor	Microbiology/Virology; Influenza Virus
Related Product Information for CBS1117, inhibitor	CBS1117 is a virus entry inhibitor (IC50 of 70 for influenza A virus, A/Puerto Rico/8/34 (H1N1)). It interferes with the hemagglutinin (HA)-mediated fusion process.
Product References and Citations for CBS1117, inhibitor	Hussein AFA, et al. Identification of entry inhibitors with 4-aminopiperidine scaffold targeting group 1 influenza A virus. Antiviral Res. 2020 May;177:104782.
Other Notes	Small volumes of CBS1117, 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 CBS1117 purchase	MBS5764965 is an inhibitor targeting CBS1117.



Chemical Structure of CBS1117, 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/cbs1117/5764965