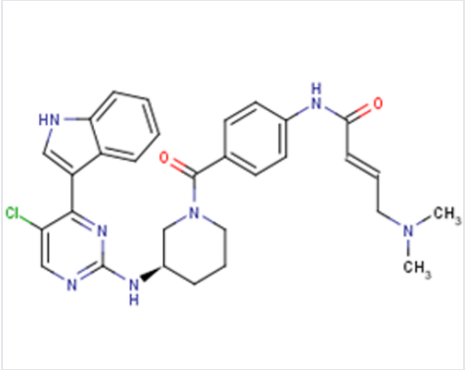
THZ531 Inhibitor

PRODUCT OVERVIEW

Product Name	THZ531, Inhibitor
Full Product Name	THZ531
Product Gene Name	THZ531, inhibitor
Product Synonym Names	CDK
Form/Format	POWDER
Purity/Purification	99.9%
Preparation and Storage	Powder: 3 years -20 degree C In Solvent: 2 years -80 degree C
Molecular Weight	558.08
CAS Number	1702809-17-3
Formula	C30H32ClN7O2
Smiles	O=C(NC1=CC=C(C(N2C[C@H](NC3=NC=C(Cl)C(C4=CNC5=C4C=CC=C5)=N3)CCC2)=O)C=C1)/C=C/CN(C)C
Solubility	DMSO: Soluble
Pathways	Cell Cycle; Checkpoint
Receptor	CDK12,CDK13
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.
Product Categories/Family for THZ531, inhibitor	Cancer
Related Product Information for THZ531, inhibitor	THZ531 is a covalent inhibitor of both CDK12(IC50=158 nM) and CDK13(IC50=69 nM).
Product References and Citations for THZ531, inhibitor	1. Zhang T, et al. Covalent targeting of remote cysteine residues to develop CDK12 and CDK13 inhibitors. Nat Chem Biol. 2016 Oct; 12(10):876-84.
Other Notes	Small volumes of THZ531, 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 THZ531 purchase	MBS5750438 is an inhibitor targeting THZ531.



Chemical Structure of THZ531, 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/thz531/5750438