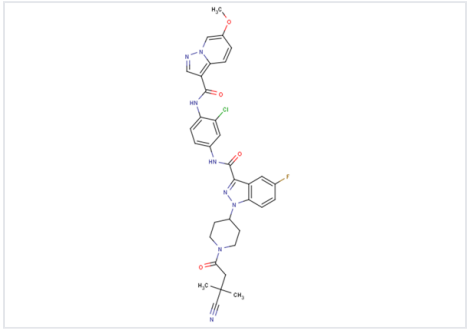
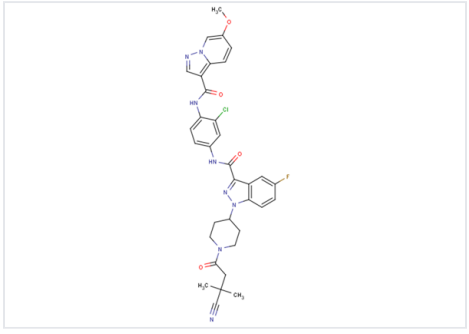
SRC Inhibitor – Inhibitor 3

PRODUCT OVERVIEW

Product Name	Src Inhibitor 3, Inhibitor
Full Product Name	Src Inhibitor 3
Product Gene Name	Src, inhibitor
Purity/Purification	98%
Preparation and Storage	Powder: -2 degree C for 3 years In solvent: -80 degree C for 2 years
Molecular Weight	671.13
SMILES	COc1ccc2c(cnn2c1)C(=O)Nc1ccc(NC(=O)c2nn(C3CCN(CC3)C(=O)CC(C)(C)C#N)c3ccc(F)cc23)cc1Cl
Formula	C34H32ClFN8O4
CAS Number	2380027-49-4
Target	Others|||Src c-terminal Src kinase in Caliper assay: 4nM, c-terminal Src kinase in CSK HTRF assay: <3nM
Solubility	DMSO: 95mg/mL (141.55 mM), Need ultrasonic (<1mg/mL refers to the product slightly soluble or insoluble)
In_vitro	Src Inhibitor 3 (oral) reduces inhibitory LCK phosphorylation in vivo and shows the ability to enhance T cell activation in response to antigen stimulation[1].
Product Categories/Family for Src, inhibitor	Angiogenesis; Others; Tyrosine Kinase/Adaptors
Related Product Information for Src, inhibitor	MBS5767648 is an inhibitor targeting Src. Also known as Src Inhibitor 3. Src Inhibitor 3 is an effective inhibitor of c-terminal Src kinase (IC50 <3nM in CSK HTRF, <4nM in Caliper assay). Src Inhibitor 3 increases T cell proliferation induced by T cell receptor signaling.
Product References and Citations for Src, inhibitor	1 O'Malle DP e al Discover o Pyridazinon an Pyrazolo[1,5-]pyridin Inhibitor o C-Termina Sr Kinase AC Me Che Lett 201 Se 25 0(10):1486-1491.
Other Notes	Small volumes of Src, 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.



Structure of Src, inhibitor
Src Inhibitor 3, CAS 2380027-49-4



Structure of Src, inhibitor
Src Inhibitor 3, CAS 2380027-49-4

ADDITIONAL DETAILS

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

Protein Family	Neuronal proto-oncogene tyrosine-protein kinase
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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