

Product Information

PI3K inhibitor ILK-IN-2, Purity $\geq 98\%$

Cat. No.: X24-05-ZQ104

Size: 2 mg; 5 mg; 10 mg; 50 mg

CAS Number: 1333146-24-9

Compound CID: 51051074

Synonym: 1333146-24-9; ILK-IN-1;

N

-me

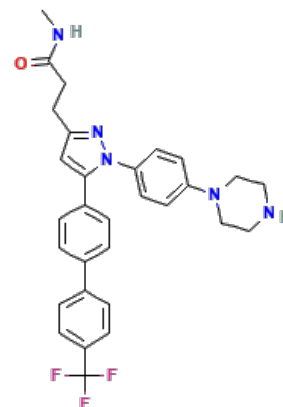
thyl-3-(1

-(4-(piperazin-1-

yl)phenyl)-5-(4'-(trifluoromethyl)-[1,1'-biphenyl]-4-yl)-1*H*-pyrazol-3-yl)propanamide;

CHEMBL1830587; OSU-T315 (1,5-regioisomer); PI3K inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	ILK-IN-2 is a potent compound that inhibits PI3 kinase activity.
Molecular Weight	533.59
Molecular Formula	C ₃₀ H ₃₀ F ₃ N ₅ O
IUPAC Name	<i>N</i> -methyl-3-[1-(4-piperazin-1-ylphenyl)-5-[4-[4-(trifluoromethyl)phenyl]phenyl]pyrazol-3-yl]propanamide
InChI	InChI=1S/C30H30F3N5O/c1-34-29(39)15-10-25-20-28(38(36-25)27-13-11-26(12-14-27)37-18-16-35-17-19-37)23-4-2-21(3-5-23)22-6-8-24(9-7-22)30(31,32)33/h2-9,11-14,20,35H,10,15-19H2,1H3,(H,34,39)
InChI Key	GHBUPSVATJKTRR-UHFFFAOYSA-N
Canonical SMILES	CNC(=O)CCC1=NN(C(=C1)C2=CC=C(C=C2)C3=CC=C(C=C3)C(F)(F)F)C4=CC=C(C=C4)N5CCNC5
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.



Applications

ILK-IN-2 serves in exploring integrin-linked kinase (ILK) inhibition and its role in cellular adhesion and signaling.

Storage

Store at -20°C.
