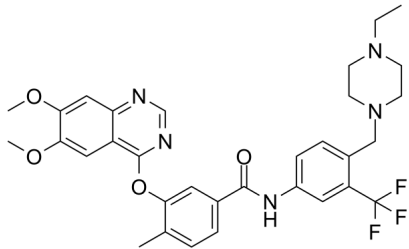


Data Sheet

Product Information

Catalog Number	BP10366
Product Name	TL02-59
Description	TL02-59 is a selective inhibitor of Fgr in Src-family kinase (IC ₅₀ = 0.03 nM). TL02-59 inhibits Lyn and Hck with IC ₅₀ s of 0.1 nM and 160 nM, respectively. TL02-59 potently suppresses acute myelogenous leukemia cell growth.
Targets&IC ₅₀	Fgr: 0.03 nM , Hck: 160 nM , Lyn: 0.1 nM
CAS No.	1315330-17-6
Chemical Formula	C ₃₂ H ₃₄ F ₃ N ₅ O ₄
Molecular Weight	609.65
Solubility	DMSO: 120 mg/mL (196.84 mM), Need ultrasonic
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 The chemical structure of TL02-59 is shown. It features a central benzene ring substituted with a morpholine group, a trifluoromethyl group, and a piperazine group. This central ring is connected via an amide bond to another benzene ring, which is further substituted with a methoxy group and a pyrimidine ring. The pyrimidine ring has two methoxy groups at the 6 and 7 positions.

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v2 Revision on 12/28/2022

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