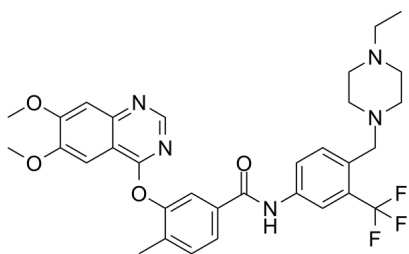


Certificate of Analysis

Catalog Number	BP10366
Product Name	TL02-59

Physical and Chemical Properties

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	

Product Information

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.
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Targets&IC50	Fgr: 0.03 nM , Hck: 160 nM , Lyn: 0.1 nM
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Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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