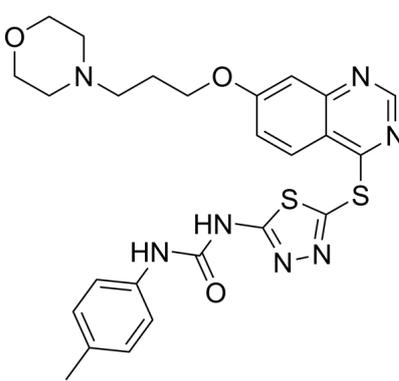


Certificate of Analysis

Catalog Number	BP10431
Product Name	SKLB4771

Physical and Chemical Properties

Synonyms	FLT3-IN-1, FLT3-IN-1
CAS No.	1370256-78-2
Chemical Formula	C ₂₅ H ₂₇ N ₇ O ₃ S ₂
Molecular Weight	537.66
Solubility	DMSO: 10 mM
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 <p>The chemical structure of FLT3-IN-1 consists of a morpholine ring connected via a propyl chain to an oxygen atom, which is further attached to a benzene ring. This benzene ring is fused to a pyrimidine ring. The pyrimidine ring is substituted with a 1,2,4-thiazole ring, which in turn is linked to a 4-methylphenyl group via an amide bond.</p>

Product Information

Description	FLT3-IN-1 is a novel potent and selective Flt3 inhibitor.
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Targets&IC50	FLT3: 10 nM, FLT3-ITD-expressing MV4-11 cells: 6 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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