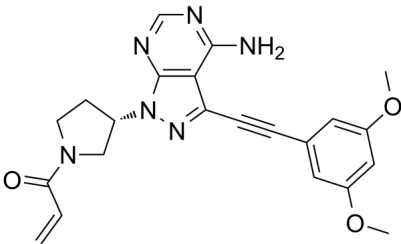


## Certificate of Analysis

Catalog Number	BP10546
Product Name	Futibatinib

## Physical and Chemical Properties

Synonyms	FGFR-IN-1, TAS120
CAS No.	1448169-71-8
Chemical Formula	C <sub>22</sub> H <sub>22</sub> N <sub>6</sub> O <sub>3</sub>
Molecular Weight	418.457
Solubility	DMSO: 29 mg/mL (69.30 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

## Product Information

Description	TAS-120 is a novel, potent and highly selective FGFR inhibitor, used for antitumor treatment.
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Targets&IC50	FGFR2 E566G: 2.4 nM (IC50), FGFR2 N550H: 3.6 nM (IC50), FGFR4: 8.3 nM (IC50), FGFR3: 1.6 nM (IC50), wild-type FGFR2: 0.3 nM (IC50), FGFR2 V565I: 1-3 nM (IC50), FGFR1: 3.9 nM (IC50), FGFR2: 1.3 nM (IC50)
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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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