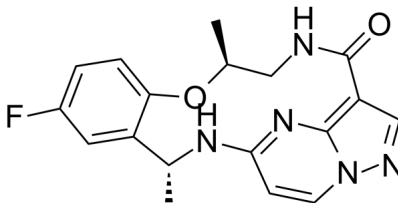


## Certificate of Analysis

Catalog Number	BP10801
Product Name	Repotrectinib

## Physical and Chemical Properties

Synonyms	TPX-0005, TPX 0005, TPX0005
CAS No.	1802220-02-5
Chemical Formula	C <sub>18</sub> H <sub>18</sub> FN <sub>5</sub> O <sub>2</sub>
Molecular Weight	355.373
Solubility	DMSO: 83.3 mg/mL
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

## Product Information

Description	TPX-0005 is a potent ALK/ROS1/TRK inhibitor, with IC <sub>50</sub> of 1.01 nM, 5.3 nM, 1.08 nM and 1.26 nM for WT ALK, SRC, ALK L1196M and ALK G1202R, respectively.
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Targets&IC50	WT ALK: 1.01 nM, ALK(G1202R): 1.26 nM, ALK(L1196M): 1.08 nM, Src: 5.3 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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v2 Revision on 12/28/2022