


## Certificate of Analysis

Catalog Number	BP10523
Product Name	Poziotinib hydrochloride

## Physical and Chemical Properties

Synonyms	HM 781-36B hydrochloride, NOV120101 hydrochloride
CAS No.	1429757-68-5
Chemical Formula	C <sub>23</sub> H <sub>22</sub> Cl <sub>3</sub> FN <sub>4</sub> O <sub>3</sub>
Molecular Weight	527.8
Solubility	DMSO: 10 mM
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

## Product Information

Description	Poziotinib hydrochloride irreversibly inhibits EGFR (HER1 or ErbB1), including EGFR mutants, HER2, and HER4, thereby inhibiting the proliferation of tumor cells that overexpress these receptors. It is an orally bioavailable, quinazoline-based pan epidermal growth factor receptor (EGFR or HER) inhibitor with potential antineoplastic activity.
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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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