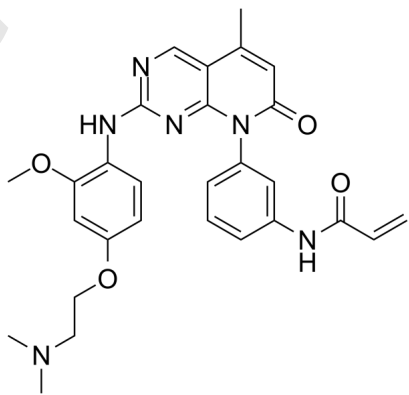


## Certificate of Analysis

Catalog Number	BP10690
Product Name	EGFR-IN-1

## Physical and Chemical Properties

CAS No.	1625677-63-5
Chemical Formula	C <sub>28</sub> H <sub>30</sub> N <sub>6</sub> O <sub>4</sub>
Molecular Weight	514.586
Solubility	
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

## Product Information

Description	<p>EGFR-IN-1 displays strong antiproliferative activity against the H1975 cells and the first line mutant HCC827 cells. Antitumor activity. EGFR-IN-1 is an orally active and irreversible L858R/T790M mutant selective EGFR inhibitor. EGFR-IN-1 potently inhibits Gefitinib-resistant EGFR L858R, T790M with 100-fold selectivity over wild-type EGFR.</p>
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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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