

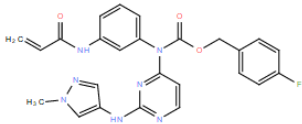
## Certificate of Analysis

Target	Inhibitors & Agonists>>Tyrosine Kinase>>EGFR
Cat.No	DC11018
Name	EGFR-HER2 Ex20Ins inhibitor 1a

Tel: +86-21-58447131  
Fax: +86-21-61642470

Email:  
sales@dcchemicals.com  
order@dcchemicals.com

## Chemical Properties

CAS	2068806-31-3
Formula	C <sub>25</sub> H <sub>22</sub> FN <sub>7</sub> O <sub>3</sub>
MW	487.495
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure shows a central benzimidazole core. One nitrogen of the benzimidazole is substituted with a methyl group (H<sub>3</sub>C). The 2-position of the benzimidazole is linked via an amide bond to a benzene ring. This benzene ring is further substituted with a methylamino group (-NH-CH<sub>3</sub>) and a carbonyl group (-C(=O)-). The carbonyl group is part of an amide linkage to another benzene ring, which is substituted with a fluorine atom (F) at the para position.</p>
Purity	>98%

Website:  
www.dcchemicals.com