

## Afatinib impurity 1

## Chemical Properties

CAS No. :	2223677-66-3
Formula:	C <sub>22</sub> H <sub>21</sub> ClFN <sub>5</sub> O <sub>4</sub>
Molecular Weight:	473.89
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	Afatinib impurity 1 (Afatinib Impurity CSEJXA) is an impurity found in Afatinib.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1102 mL	10.551 mL	21.1019 mL
5 mM	0.422 mL	2.1102 mL	4.2204 mL
10 mM	0.211 mL	1.0551 mL	2.1102 mL
50 mM	0.0422 mL	0.211 mL	0.422 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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