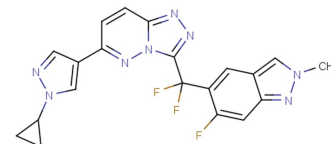


## Bozitinib

## Chemical Properties

CAS No.:	1440964-89-5
Formula:	C <sub>20</sub> H <sub>15</sub> F <sub>3</sub> N <sub>8</sub>
Molecular Weight:	424.38
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	Bozitinib (PLB-1001) is a highly selective inhibitor of the c-MET kinase with blood-brain barrier permeability. Bozitinib binds to the conventional ATP-binding pocket of the tyrosine kinase superfamily.
Targets(IC <sub>50</sub> )	Others: None
In vitro	Bozitinib (30 $\mu$ M; 6 hours) inhibits the phosphorylation of MET and STAT3. Bozitinib has a robust inhibitory effect on MET and its downstream signaling pathways.

## Solubility Information

Solubility	DMSO: 50 mg/mL (117.82 mM) ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.356 mL	11.782 mL	23.564 mL
5 mM	0.471 mL	2.356 mL	4.713 mL
10 mM	0.236 mL	1.178 mL	2.356 mL
50 mM	0.047 mL	0.236 mL	0.471 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Hu H, et al. Mutational Landscape of Secondary Glioblastoma Guides MET-Targeted Trial in Brain Tumor. Cell. 2018 Nov 29;175(6):1665-1678.e18.

Inhibitors · Natural Compounds · Compound Libraries

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