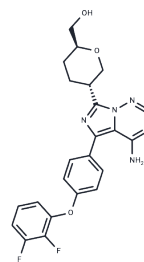


## Birelentinib

## Chemical Properties

CAS No. :	2662512-15-2
Formula:	C <sub>23</sub> H <sub>21</sub> F <sub>2</sub> N <sub>5</sub> O <sub>3</sub>
Molecular Weight:	453.44
Storage:	Store at low temperature, Store under nitrogen 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	Birelentinib (Birelentinib) is an inhibitor of both wild-type and mutant BTK with IC <sub>50</sub> values of 6.72 and 6.11 nM, respectively.
Targets(IC50)	BTK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2054 mL	11.0268 mL	22.0536 mL
5 mM	0.4411 mL	2.2054 mL	4.4107 mL
10 mM	0.2205 mL	1.1027 mL	2.2054 mL
50 mM	0.0441 mL	0.2205 mL	0.4411 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.

## Reference

Quan Zhou, et al. Btk inhibitors. WO2021136219A1. 2020.

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