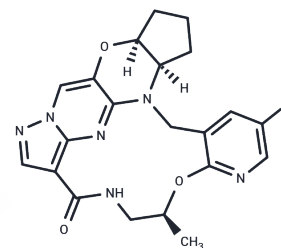


## Enbezotininib

## Chemical Properties

CAS No. :	2359649-81-1
Formula:	C <sub>21</sub> H <sub>21</sub> FN <sub>6</sub> O <sub>3</sub>
Molecular Weight:	424.43
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Enbezotininib is an inhibitor of RET autophosphorylation and can be used in cancer research.
Targets(IC50)	c-RET

## Solubility Information

Solubility	DMSO: 90 mg/mL (212.05 mM), Sonication and heating to 80°C are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 3.3 mg/mL (7.78 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3561 mL	11.7805 mL	23.561 mL
5 mM	0.4712 mL	2.3561 mL	4.7122 mL
10 mM	0.2356 mL	1.1781 mL	2.3561 mL
50 mM	0.0471 mL	0.2356 mL	0.4712 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

ROGERS EW, et, al. Macrocyclic compounds for treating disease. WO2019126121A1.

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