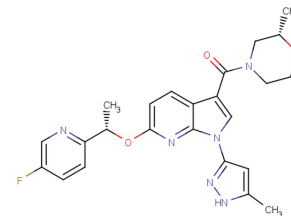


## ALK-IN-5

## Chemical Properties

CAS No.:	2351929-66-1
Formula:	C <sub>24</sub> H <sub>25</sub> FN <sub>6</sub> O <sub>3</sub>
Molecular Weight:	464.49
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	ALK-IN-5 is a potent, selective, and brain-penetrant inhibitor of anaplastic lymphoma kinase (ALK, IC <sub>50</sub> : 2.9 nM).
Targets(IC <sub>50</sub> )	ALK: 2.9 nM
In vitro	ALK-IN-5 potently inhibits ALK (cellular IC <sub>50</sub> : 27 nM).

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.153 mL	10.764 mL	21.529 mL
5 mM	0.431 mL	2.153 mL	4.306 mL
10 mM	0.215 mL	1.076 mL	2.153 mL
50 mM	0.043 mL	0.215 mL	0.431 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. Fushimi M, et al. Discovery of Potent, Selective, and Brain-Penetrant 1 H-Pyrazol-5-yl-1 H-pyrrolo[2,3- b]pyridines as Anaplastic Lymphoma Kinase (ALK) Inhibitors. J Med Chem. 2019 May 23;62(10):4915-4935.

Inhibitors · Natural Compounds · Compound Libraries

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