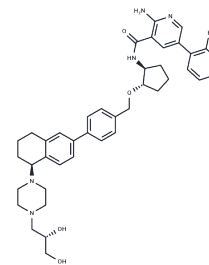


## MerTK/Axl-IN-1

## Chemical Properties

CAS No. :	3036009-40-9
Formula:	C40H47FN6O4
Molecular Weight:	694.84
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	MerTK/Axl-IN-1 (Compound A-910) is a potent and selective dual inhibitor of MerTK/Axl, exhibiting IC50 values of 4.2 nM and 8.8 nM in Ba/F3 cells, and 0.2 nM and 0.9 nM in HTRF cells, respectively. It effectively inhibits pMerTK in vivo and possesses a long half-life and high oral bioavailability.
Targets(IC50)	TAM Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4392 mL	7.1959 mL	14.3918 mL
5 mM	0.2878 mL	1.4392 mL	2.8784 mL
10 mM	0.1439 mL	0.7196 mL	1.4392 mL
50 mM	0.0288 mL	0.1439 mL	0.2878 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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