

QL47B

## Chemical Properties

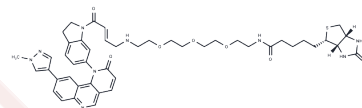
CAS No. : 1579278-92-4

Formula: C<sub>46</sub>H<sub>55</sub>N<sub>9</sub>O<sub>7</sub>S

Molecular Weight: 878.05

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	QL47 B is a biotinylated analogue of QL47 and a potent inhibitor of BTK, with an IC <sub>50</sub> value of 1.3 μM. Additionally, QL47 B exhibits anti-tumor activity [1].
Targets(IC <sub>50</sub> )	BTK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1389 mL	5.6944 mL	11.3889 mL
5 mM	0.2278 mL	1.1389 mL	2.2778 mL
10 mM	0.1139 mL	0.5694 mL	1.1389 mL
50 mM	0.0228 mL	0.1139 mL	0.2278 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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