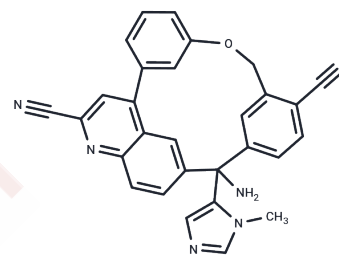


## Darlifarnib

## Chemical Properties

CAS No. :	2939824-30-1
Formula:	C <sub>29</sub> H <sub>20</sub> N <sub>6</sub> O
Molecular Weight:	468.509
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	Darlifarnib (Compound (S)-058) is an inhibitor of farnesyl transferase and geranylgeranyltransferase, with IC <sub>50</sub> values of ≤ 10 nM and > 1000 nM, respectively. It exhibits high metabolic stability in human and mouse liver microsomes, with a half-life of over 100 minutes.
Targets(IC <sub>50</sub> )	Transferase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1344 mL	10.6721 mL	21.3443 mL
5 mM	0.4269 mL	2.1344 mL	4.2689 mL
10 mM	0.2134 mL	1.0672 mL	2.1344 mL
50 mM	0.0427 mL	0.2134 mL	0.4269 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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