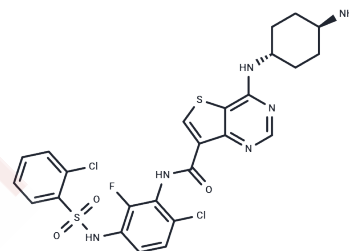


IRE1 $\alpha$  kinase-IN-6

## Chemical Properties

CAS No. :	2715123-88-7
Formula:	C <sub>25</sub> H <sub>23</sub> Cl <sub>2</sub> FN <sub>6</sub> O <sub>3</sub> S <sub>2</sub>
Molecular Weight:	609.52
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	IRE1 $\alpha$ kinase-IN-6 is a potent IRE1 $\alpha$ inhibitor with an IC <sub>50</sub> value of 4.4 nM.
Targets(IC <sub>50</sub> )	Others, IRE1

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6406 mL	8.2032 mL	16.4064 mL
5 mM	0.3281 mL	1.6406 mL	3.2813 mL
10 mM	0.1641 mL	0.8203 mL	1.6406 mL
50 mM	0.0328 mL	0.1641 mL	0.3281 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

Beveridge RE, et al. Identification of BRAf-Sparing Amino-Thienopyrimidines with Potent IRE1 $\alpha$  Inhibitory Activity. ACS Med Chem Lett. 2020 Oct 16;11(12):2389-2396.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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